



**KING DICK**

**HAND TOOLS**





KING DICK ET AL









*Sixth Edition*

**ABINGDON  
KING DICK LTD**

ABINGDON WORKS · KINGS ROAD · TYSELEY

BIRMINGHAM · ENGLAND

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## FOREWORD

# KING DICK

For over a century, Abingdon KING DICK Limited have specialised in the manufacture and development of Engineers' Hand Tools. Strict adherence to a policy calling for rigid standards, quality control and progressive improvement has made KING DICK Tools the natural choice of craftsmen throughout the world.

The modern factory at Kings Road, as befits one of the finest tool-making organisations in existence, is equipped with the latest machinery and specialised plant including the scientific hardening of steel.

A very wide range of Hand Tools is produced, among which are KING DICK Socket Sets, Double-Open-Ended Spanners, Ring Spanners, Adjustable Spanners and others too numerous to list. In addition to tooling and accessories for commercial firms in various phases of industry, special sets of equipment are being supplied in large quantities to the Automobile, Agricultural, Aircraft, Electrical and Refrigeration Industries.

Selected steels, stringent inspection and careful testing throughout the course of manufacture, combine to make the KING DICK Tool worthy of the craftsmen who prefer and use them. Every KING DICK branded product is guaranteed for ever under fair conditions of usage.





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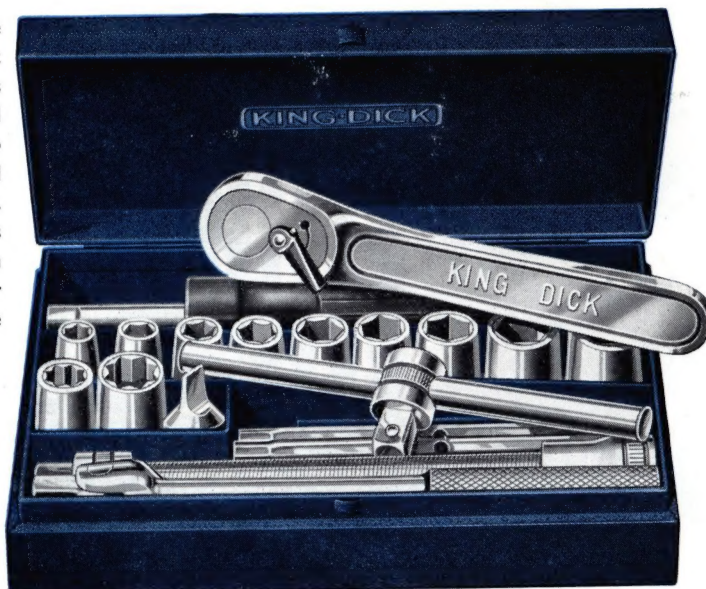




## SQUARE DRIVE SOCKET SETS

# KING DICK

These miniature outfits provide the necessary equipment to effect minute adjustments and repairs in connection with electrical installations—telephone and radio work—recording instruments and all other industries where B.A. threads are used. Numerous accessories are included which enables any work, however difficult or inaccessible, a pleasure to perform.



USS 204



ESD 203



ESB 202



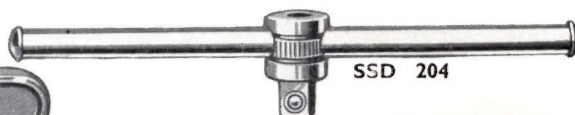
ESS 204



ESB 206



RLS 204



SSD 204



TNB 207



SGH 204



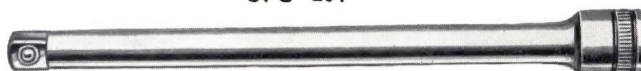
TNB 209



SFC 204



TBP 202



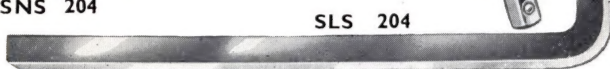
SES 204



SNS 204



SES 203



SLS 204

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- Stock No.
- SBC 411 Steel Box,  $5\frac{1}{4}" \times 2\frac{1}{8}" \times 1"$**
- SBC 419 Steel Box,  $5\frac{1}{4}" \times 3\frac{1}{8}" \times 1\frac{1}{8}"$**
- RLS 204 Reversible Ratchet**  
Forged in Aluminium Alloy and Heat Treated this miniature tool has all the advantages of its larger types. Instantly reversible by thumb lever, all working parts are totally enclosed and have endless life.
- SSD 204 Sliding Tee Bar**  
Can be used efficiently with the extension bars or direct with sockets.
- SNS 204 Jointed Nut Spinner**  
The handiest accessory in the set and is unique in its many adaptations.
- SES 203 Extension Bar Length 2"**
- SES 204 Extension Bar Length 5"**  
Supplied in two lengths which provides the means of reaching inaccessible nuts.
- SFC 204 Flexible Extension**  
Made in specially designed flexible cable, enables the awkward nut to be reached where a solid extension cannot operate.
- USS 204 Universal Joint**  
Short coupled it overcomes the seemingly impossible situation.
- SGH 204 Shockproof Grip Spinner Handle**  
Fitted with an insulated handle is an ideal tool for your electrical problems.
- TNB 207 7BA  $\times$  8BA Tubular Spanner**
- TNB 209 9BA  $\times$  10BA Tubular Spanner**  
In between the two hexagon ends the tubing is flattened and has sufficient leverage to tighten the small nuts for which these tools are provided. A tommy bar hole in the middle is an added advantage.
- ESD 203 Screwdriver End**
- TBP 202 Tommy Bar  $\frac{1}{8}"$  dia.  $\times$   $2\frac{1}{2}"$  long**
- SLS 204 Cranked Driver**
- SBC 407 Hold All Cage**
- SAC 204 Converter,  $\frac{1}{4}" \times \frac{3}{8}"$  square**  
Enables  $\frac{3}{8}"$  square drive to be used with  $\frac{1}{4}"$  square accessories.

### SOCKETS

#### BRITISH SIZES

Stock Nos.	Bolt Sizes			Width Across Flats
	B.A.	Whit.	Sq. A/F	
ESB 206	6			.193
ESB 205	5			.220
ESB 204	4			.248
ESB 203	3			.282
ESB 202	2			.324
ESB 201	1			.365
ESB 200	0			.413
ESW 202		$\frac{1}{8}"$		.340
ESW 203		$\frac{3}{16}"$		.445
ESS 204			$\frac{1}{4}"$	.250
ESS 205			$\frac{5}{16}"$	.312

#### AMERICAN A/F SIZES

Stock Nos.	Hex. A/F	Width Across Flats
ESA 306	$\frac{3}{16}"$	.187
ESA 307	$\frac{7}{32}"$	.218
ESA 308	$\frac{1}{4}"$	.250
ESA 309	$\frac{9}{32}"$	.281
ESA 310	$\frac{5}{16}"$	.312
ESA 311	$\frac{11}{32}"$	.343
ESA 312	$\frac{3}{8}"$	.375
ESA 314	$\frac{7}{16}"$	.437



## SQUARE DRIVE B.A. SOCKET SETS

# KING DICK

TKS 405

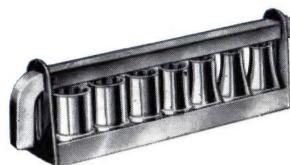


**Set No. TKS 400**

$\frac{1}{4}$ " Square Cranked Driver  
Hold all Cage  
0-1-2-3-4-5-6-B.A. Sockets

**Set No. TKS 405**

Enamel Steel Box      Jointed Nut Spinner  
 $5\frac{1}{4}" \times 2\frac{1}{2}" \times 1"$       5" Extension Bar  
0-1-2-3-4-5-6-B.A. Sockets



TKS 400

TKS 407



**Set No. TKS 407**

Enamel Steel Box,  $5\frac{1}{4}" \times 2\frac{1}{2}" \times 1"$   
Sliding Tee Bar      2" Extension Bar  
5" Extension Bar      Screwdriver End  
Shockproof Spinner Handle  
7 B.A.  $\times$  8 B.A. Tubular Box Spanner  
9 B.A.  $\times$  10 B.A. Tubular Box Spanner  
Tommy Bar  
0-1-2-3-4-5-6-B.A. Sockets





### Set No. TKS 411

Enamel Steel Box,  $5\frac{1}{4} \times 2\frac{1}{2} \times 1$ "  
 Sliding Tee Bar 2" Extension Bar  
 5" Extension Bar Screwdriver End  
 Shockproof Spinner Handle  
 7 B.A.  $\times$  8 B.A. Tubular Box Spanner  
 9 B.A.  $\times$  10 B.A. Tubular Box Spanner  
 $\frac{1}{8}$ " dia.  $\times$  2 $\frac{1}{2}$ " Long Tommy Bar  
 0-1-2-3-4-5-6-B.A. Sockets  
 $\frac{3}{16}$ "- $\frac{1}{4}$ " B.S.F. Sockets  
 $\frac{1}{4}$ "- $\frac{5}{16}$ " Bi-Square Sockets



### Set No. TKS 408

Enamel Steel Box,  $5\frac{1}{4} \times 2\frac{1}{2} \times 1$ "  
 Jointed Nut Spinner  
 5" Extension Bar  
 Shockproof Spinner Handle  
 0-1-2-3-4-5-6-B.A. Sockets  
 0 B.A.  $\times$  2 B.A. Open Ended Spanner  
 4 B.A.  $\times$  6 B.A. Open Ended Spanner



## SQUARE DRIVE AMERICAN A/F SOCKET SETS

# KING DICK

**TKS 412**



### ACCESSORIES

**Set No. TKS 412**

Enamel Steel Box,  $5\frac{1}{4}'' \times 2\frac{1}{2}'' \times 1''$   
 Jointed Nut Spinner      5" Extension Bar  
 Shockproof Spinner Handle  
 $\frac{3}{16}''$ ,  $\frac{7}{32}''$ ,  $\frac{1}{4}''$ ,  $\frac{9}{32}''$ ,  $\frac{5}{16}''$ ,  $\frac{11}{32}''$ ,  $\frac{3}{8}''$ ,  $\frac{7}{16}''$  A/F Sockets  
 One of each  
 $\frac{3}{16}'' \times \frac{7}{32}''$ ,  $\frac{1}{4}'' \times \frac{9}{32}''$ ,  $\frac{5}{16}'' \times \frac{11}{32}''$ ,  $\frac{3}{8}'' \times \frac{7}{16}''$  A/F  
 Open Ended Spanners

### ACCESSORIES

**Set No. TKS 416**

Enamel Steel Box,  $5\frac{1}{4}'' \times 3\frac{1}{2}'' \times 1\frac{1}{8}''$   
 Reversible Ratchet      Sliding Tee Bar  
 2" Extension Bar      5" Extension Bar  
 5" Flexible Extension  
 Shockproof Spinner Handle  
 Jointed Nut Spinner  
 Universal Joint      Screwdriver End  
 $\frac{1}{8}''$  Dia.  $\times 2\frac{1}{2}''$  Long Tommy Bar  
 $\frac{3}{16}''$ ,  $\frac{7}{32}''$ ,  $\frac{1}{4}''$ ,  $\frac{9}{32}''$ ,  $\frac{5}{16}''$ ,  $\frac{11}{32}''$ ,  $\frac{3}{8}''$ ,  $\frac{7}{16}''$  A/F Sockets  
 $\frac{3}{16}'' - \frac{1}{4}''$  B.S.F. Sockets  
 $\frac{1}{4}'' - \frac{5}{16}''$  Bi-Square Sockets

**TKS 416**





**TKS 414**



### ACCESSORIES

#### Set No. TKS 414

- Enamel Steel Box,  $5\frac{1}{4}" \times 3\frac{1}{2}" \times 1\frac{1}{8}"$
- Reversible Ratchet      Sliding Tee Bar
- 2" Extension Bar      5" Extension Bar
- Screwdriver End
- Shockproof Spinner Handle
- 7 B.A.  $\times$  8 B.A. Tubular Box Spanner
- 9 B.A.  $\times$  10 B.A. Tubular Box Spanner
- $\frac{1}{8}"$  Dia.  $\times$   $2\frac{1}{2}"$  Long Tommy Bar
- 0-1-2-3-4-5-6-B.A. Sockets
- $\frac{3}{16}" - \frac{1}{4}"$  B.S.F. Sockets
- $\frac{1}{4}" - \frac{5}{16}"$  Bi-Square Sockets

### ACCESSORIES

#### Set No. TKS 419

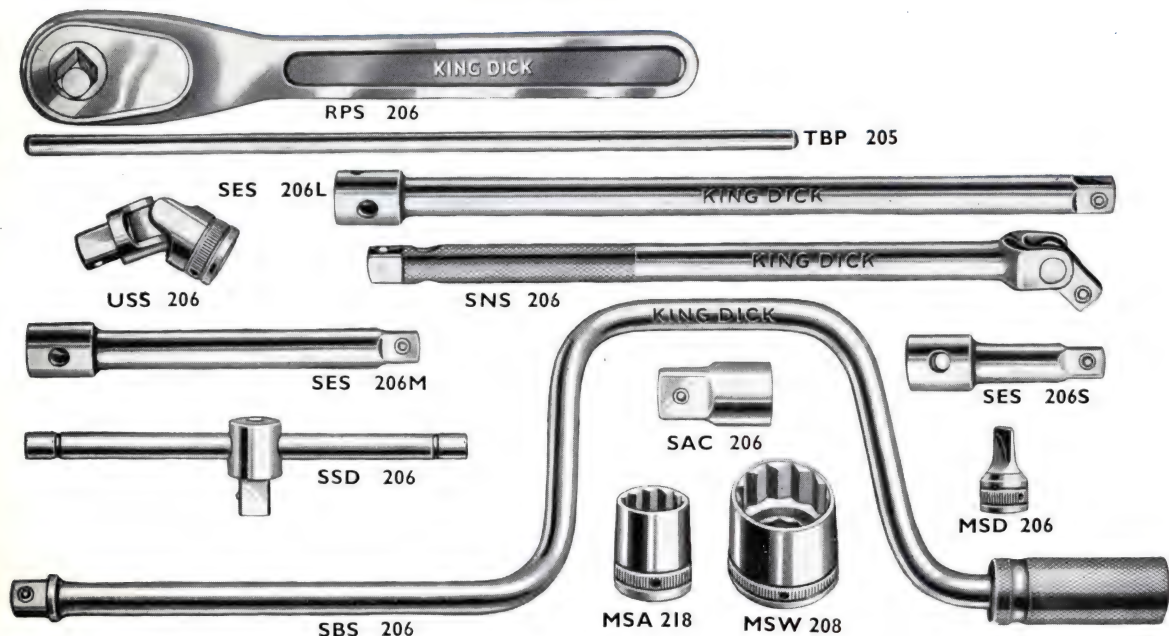
- Enamel Steel Box,  $5\frac{1}{4}" \times 3\frac{1}{2}" \times 1\frac{1}{8}"$
- Reversible Ratchet      Sliding Tee Bar
- 2" Extension Bar      5" Extension Bar
- 5" Flexible Extension      Shockproof Spinner Handle
- Jointed Nut Spinner
- Universal Joint      Screwdriver End
- 7 B.A.  $\times$  8 B.A. Tubular Box Spanner
- 9 B.A.  $\times$  10 B.A. Tubular Box Spanner
- $\frac{1}{8}"$  Dia.  $\times$   $2\frac{1}{2}"$  Long Tommy Bar
- 0-1-2-3-4-5-6-B.A. Sockets
- $\frac{3}{16}" - \frac{1}{4}"$  B.S.F. Sockets
- $\frac{1}{4}" - \frac{5}{16}"$  Bi-Square Sockets



3/8"

# SQUARE DRIVE SOCKET SETS

# KING DICK



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- Stock  
No.
- SBC 607 Steel Box,  $8\frac{1}{2}" \times 2\frac{1}{2}" \times 1\frac{1}{2}"$**
- SBC 522 Steel Box,  $12\frac{3}{8}" \times 5" \times 1\frac{1}{2}"$**
- SBC 622 Steel Box,  $18" \times 6\frac{3}{8}" \times 1\frac{5}{8}"$**   
Made in heavy gauge steel and processed to ensure protection against rust. Finished in Crinkle Blue Enamel.
- RPS 206 Reversible Ratchet**  
In Aluminium Alloy—suitably heat treated—having the strength of the steel types and a lightness in weight which the mechanic will more than appreciate after a hard day's work.
- SSD 206 Sliding Tee Bar**  
When used direct with a Socket or any one of the Extension Bars is an ideal link up to loosen the weathered and rusty nuts.
- SNS 206 Jointed Nut Spinner. Length 8"**
- SNS 207 Jointed Nut Spinner. Length  $9\frac{3}{4}"$**   
Fitted with a ball and spring to control the movement of the swivel head, they can be applied at any intermediate angle.
- SES 206S Extension Bar. Length  $2\frac{1}{2}"$**
- SES 206M Extension Bar. Length 5"**
- SES 206L Extension Bar. Length 8"**  
Supplied in three lengths enabling you to use the exact amount of reach required.
- SBS 205 Speeder Brace. Length 12"**
- SBS 206 Speeder Brace. Length  $17\frac{1}{2}"$**   
With a complete range of sockets the speeder brace provides a universal wheel brace.
- USS 206 Universal Joint**  
All your "hard to get at" nut problems are solved when the universal joint is coupled to any required driver.
- SAC 206 Converter**  
Enables  $\frac{1}{2}"$  square drive sockets to be used with  $\frac{3}{8}"$  square accessories.
- MSD 206 Screwdriver Bit**
- TBP 205 Tommy Bar.  $\frac{1}{4}"$  dia.  $\times 5"$  long.**



# SQUARE DRIVE SOCKET SETS

# KING DICK

## B.S.F. and Whitworth Sockets



Stock No.	Nut Size		Width Across Flats	Stock No.	Nut Size		Width Across Flats
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192			B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
<b>MSW 202</b>	$\frac{3}{16}$ "	$\frac{1}{8}$ "	.340	<b>MSW 206</b>	$\frac{7}{16}$ "	$\frac{3}{8}$ "	.710
<b>MSW 203</b>	$\frac{1}{4}$ "	$\frac{3}{16}$ "	.445	<b>MSW 207</b>	$\frac{1}{2}$ "	$\frac{7}{16}$ "	.820
<b>MSW 204</b>	$\frac{5}{16}$ "	$\frac{1}{4}$ "	.525	<b>MSW 208</b>	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920
<b>MSW 205</b>	$\frac{3}{8}$ "	$\frac{5}{16}$ "	.600				

## American A/F Sockets



Stock No.	Nut Size Across Flats	S.A.E. Size	Width Across Flats	Stock No.	Nut Size Across Flats	S.A.E. Size	Width Across Flats
<b>MSA 212</b>	$\frac{3}{8}$ "		.375	<b>MSA 221</b>	$\frac{21}{32}$ "		.656
<b>MSA 214</b>	$\frac{7}{16}$ "	$\frac{1}{4}$ "	.437	<b>MSA 222</b>	$\frac{11}{16}$ "		.687
<b>MSA 216</b>	$\frac{1}{2}$ "	$\frac{5}{16}$ "	.500	<b>MSA 224</b>	$\frac{3}{4}$ "	$\frac{1}{2}$ "	.750
<b>MSA 218</b>	$\frac{9}{16}$ "	$\frac{3}{8}$ "	.562	<b>MSA 225</b>	$\frac{25}{32}$ "		.781
<b>MSA 219</b>	$\frac{19}{32}$ "		.593	<b>MSA 226</b>	$\frac{13}{16}$ "		.812
<b>MSA 220</b>	$\frac{5}{8}$ "	$\frac{7}{16}$ "	.625	<b>MSA 228</b>	$\frac{7}{8}$ "	$\frac{9}{16}$ "	.875

## Metric Sockets



Stock No.	Nut Size Across Flats	Width Across Flats	Stock No.	Nut Size Across Flats	Width Across Flats
<b>MSM 210</b>	10 m/m	.394	<b>MSM 217</b>	17 m/m	.669
<b>MSM 211</b>	11 "	.433	<b>MSM 218</b>	18 "	.709
<b>MSM 212</b>	12 "	.472	<b>MSM 219</b>	19 "	.748
<b>MSM 213</b>	13 "	.512	<b>MSM 220</b>	20 "	.787
<b>MSM 214</b>	14 "	.551	<b>MSM 221</b>	21 "	.827
<b>MSM 215</b>	15 "	.590	<b>MSM 222</b>	22 "	.866
<b>MSM 216</b>	16 "	.630	<b>MSM 223</b>	23 "	.905





### ACCESSORIES

Medium Extension Bar

Tommy Bar,  $\frac{1}{4} \times 5$ " long

B.S.F. Sockets	...	$\frac{1}{8}$ "	$\frac{1}{16}$ "	$\frac{3}{16}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
Whitworth Sockets	...	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "
American A/F. Sockets	...	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Metric Sockets	...	11	14	17	19	22

Set No.

**TKS 522** B.S.F. or Whitworth Sockets

**TKS 525** American A/F Sockets

**TKS 528** Metric Sockets

Packed in strong Carton.

### ACCESSORIES

8" Jointed Nut Spinner

Medium Extension Bar

Tommy Bar,  $\frac{1}{4} \times 5$ " long

B.S.F. Sockets	...	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "
Whitworth Sockets	...	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
American A/F. Sockets	...	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
Metric Sockets	...	10	11	12	14	17	19	22

Set No.

**TKS 532** B.S.F. or Whitworth Sockets

**TKS 535** American A/F Sockets

**TKS 538** Metric Sockets

Packed in strong Carton

Metal Box can be supplied

### ACCESSORIES

Steel Box, size  $8\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ "

Alloy Heat Treated Reversible Ratchet

Medium Extension Bar

Tommy Bar,  $\frac{1}{4} \times 5$ " long

B.S.F. Sockets	...	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "
Whitworth Sockets	...	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
American A/F Sockets	...	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
Metric Sockets	...	10	11	12	14	17	19	22

Set No.

**TKS 552** B.S.F. or Whitworth Sockets

**TKS 555A** American A/F Sockets

**TKS 558** Metric Sockets



# SQUARE DRIVE SOCKET SETS

# KING DICK



## ACCESSORIES

Steel Box, size 12 $\frac{3}{8}$ " x 5" x 1 $\frac{1}{2}$ "  
 Speeder Brace, 12" long  
 Medium Extension Bar  
 Sliding Tee Bar  
 Tommy Bar,  $\frac{1}{4}$ " x 5" long

B.S.F. Sockets	...	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "
Whitworth Sockets		$\frac{1}{8}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
American A/F Sockets		$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
Metric Sockets	...	10	11	12	14	17	19	22

Set No.

**TKS 542** B.S.F. or Whitworth Sockets

**TKS 545A** American A/F Sockets

**TKS 548** Metric Sockets

**TKS 543A** B.S.F. or Whitworth and  
 American A/F Sockets

## ACCESSORIES

Steel Box, size 12 $\frac{3}{8}$ " x 5" x 1 $\frac{1}{2}$ "  
 Alloy Heat Treated Reversible Ratchet  
 Speeder Brace, 12" long  
 Medium Extension Bar      Sliding Tee Bar  
 Tommy Bar  $\frac{1}{4}$ " x 5" long

B.S.F. Sockets	...	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "
Whitworth Sockets		$\frac{1}{8}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
American A/F Sockets		$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
Metric Sockets	...	10	11	12	13	14	15	16
		17	18	19	20	21	22	23

Set No.

**TKS 562** B.S.F. or Whitworth Sockets

**TKS 565** American A/F Sockets

**TKS 568** Metric Sockets





### ACCESSORIES

Steel Box, size 18" x 6 3/8" x 1 5/8"

Alloy Heat Treated Reversible Ratchet

Short Extension Bar      Medium Extension Bar

Long Extension Bar      Speeder Brace, 17 1/2" long

Jointed Nut Spinner      Sliding Tee Bar

Plug and Socket Universal Joint

Screwdriver      Tommy Bar, 1/4" x 5" long

B.S.F. Sockets ...	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"
Whitworth Sockets	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"
American A/F Sockets	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"
Metric Sockets ...	10	11	12	14	17	19	22

Set No.

**TKS 672A** B.S.F. or Whitworth Sockets

**TKS 675A** American A/F Sockets

**TKS 678A** Metric Sockets

### ACCESSORIES

Steel Box, size 18" x 6 3/8" x 1 5/8"

Alloy Heat Treated Reversible Ratchet

Short Extension Bar      Medium Extension Bar

Long Extension Bar      Speeder Brace, 17 1/2" long

Jointed Nut Spinner      Sliding Tee Bar

Plug and Socket Universal Joint

Screwdriver      Tommy Bar, 1/4" x 5" long

B.S.F. Sockets ...	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"
Whitworth Sockets...	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"
American A/F Sockets	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"
Metric Sockets ...	10	11	12	14	17	19	22

Set No.

**TKS 673A** B.S.F. or Whitworth and American A/F Sockets

**TKS 674** B.S.F. or Whitworth and Metric Sockets

**TKS 676A** American A/F and Metric Sockets

**TKS 679A** B.S.F. or Whitworth, American A/F and Metric Sockets



RPH 406



MHD 406



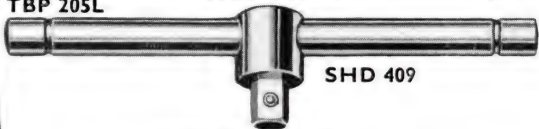
UHS 406



SEH 408L



TBP 205L



SHD 409

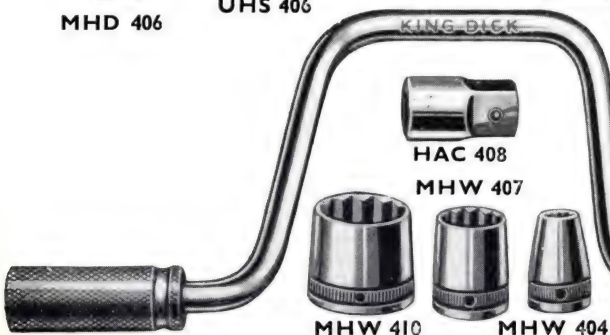


HAC 408

MHW 407



SEH 408S



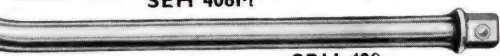
MHW 410



MHW 404



SEH 408M



SBH 408



SNH 408



This range of sockets and accessories has been expressly developed for the maintenance and assembly in car manufacturing plants and for garage use. All the items have been carefully selected to handle any job encountered where sockets or their accessories are required.

Stock  
No.

**SBC 449 Steel Box, 18" × 6 $\frac{3}{8}$ " × 1 $\frac{5}{8}$ "**

**RPH 408 Reversible Ratchet**

Produced in Aluminium Alloy Heat Treated material, its lightness in weight is a real boon to the mechanic.

**SHD 409 Sliding Tee Bar**

Can be applied direct with the sockets or many of the accessories as intermediaries.

**SNH 408 Jointed Nut Spinner**

The hinged end piece is controlled by a spring loaded ball to secure firmly at any desired angle.

**SEH 408S Extension Bar, 3" long**

**SEH 408M Extension Bar, 6" long**

**SEH 408L Extension Bar, 12" long**

Can be used with Sliding Tee Bar SHD 409 to make sliding offset.

**SBH 408 Speeder Brace**

Solid Forged, is designed for extra speed and more clearance. Fitted with revolving handle.

**UHS 408 Plug and Socket Universal Joint**

Short coupled, facilitates numerous adjustments in inaccessible places.

**HAC 408 Converter, .448" to  $\frac{1}{2}$ "**

Enables  $\frac{1}{2}$ " square drive sockets to be used with .448" accessories.

**MHD 406 Screwdriver Bit**

**TBP 205L Tommy Bar,  $\frac{5}{16}$ " dia. × 12" long**

# HEXAGON DRIVE SOCKET SETS

# KING DICK

## B.S.F. and Whitworth Sockets



Stock No.	NUT SIZE		Width Across Flats
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
MHW 402	$\frac{3}{16}$ "	$\frac{1}{8}$ "	.340
MHW 403	$\frac{1}{4}$ "	$\frac{3}{16}$ "	.445
MHW 404	$\frac{5}{16}$ "	$\frac{1}{4}$ "	.525
MHW 405	$\frac{3}{8}$ "	$\frac{5}{16}$ "	.600
MHW 406	$\frac{7}{16}$ "	$\frac{3}{8}$ "	.710
MHW 407	$\frac{1}{2}$ "	$\frac{7}{16}$ "	.820
MHW 408	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920

## American A/F Sockets



Stock No.	Nut Size Across Flats	S.A.E. Size	Width Across Flats
MHA 412	$\frac{3}{8}$ "		.375
MHA 414	$\frac{7}{16}$ "	$\frac{1}{4}$ "	.437
MHA 416	$\frac{1}{2}$ "	$\frac{5}{16}$ "	.500
MHA 418	$\frac{9}{16}$ "	$\frac{3}{8}$ "	.562
MHA 419	$\frac{19}{32}$ "		.593
MHA 420	$\frac{5}{8}$ "	$\frac{7}{16}$ "	.625
MHA 421	$\frac{11}{16}$ "		.656
MHA 422	$\frac{13}{16}$ "		.687
MHA 424	$\frac{3}{4}$ "	$\frac{1}{2}$ "	.750
MHA 425	$\frac{23}{32}$ "		.781
MHA 426	$\frac{15}{16}$ "		.812
MHA 428	$\frac{7}{8}$ "	$\frac{9}{16}$ "	.875

## Metric Sockets



Stock No.	Nut Size Across Flats	Width Across Flats
MHM 410	10 m/m	.394
MHM 411	11 "	.433
MHM 412	12 "	.472
MHM 413	13 "	.512
MHM 414	14 "	.551
MHM 415	15 "	.590
MHM 416	16 "	.630
MHM 417	17 "	.669
MHM 418	18 "	.709
MHM 419	19 "	.748
MHM 420	20 "	.787
MHM 421	21 "	.827
MHM 422	22 "	.866
MHM 423	23 "	.905





### ACCESSORIES

Steel Box, Size 18" x 6 3/8" x 1 5/8"

Alloy Heat Treated Reversible Ratchet

Medium Extension Bar Long Extension Bar

Sliding Tee Bar Speeder Brace, 17 1/2" long

Plug and Socket Universal Joint

Jointed Nut Spinner Screwdriver

Converter, .448 x 1/2" plug

B.S.F. Sockets	...	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "			
Whitworth Sockets	...	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "			
Hexagon A/F Sockets	...	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "			
Metric Sockets	...	10	11	12	13	14	15	16	17	18	19
		20	21	22	23						

Set No.

**TKS 445** Accessories, B.S.F. or Whitworth and A/F Sockets as above

**TKS 448** Accessories and Metric Sockets, as above

### ACCESSORIES

Steel Box, Size 18" x 6 3/8" x 1 5/8"

Alloy Heat Treated Reversible Ratchet

Medium Extension Bar Long Extension Bar

Sliding Tee Bar Speeder Brace, 17 1/2" long

Plug and Socket Universal Joint

Screwdriver

B.S.F. Sockets	...	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"												
Whitworth Sockets	...	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"												
Hexagon A/F Sockets	...	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"												
		5/16"	3/8"	1/2"	5/8"	3/4"	7/8"												
Metric Sockets	...	10	11	12	13	14	15	16	17	18	19								
		20	21	22	23														

Set No.

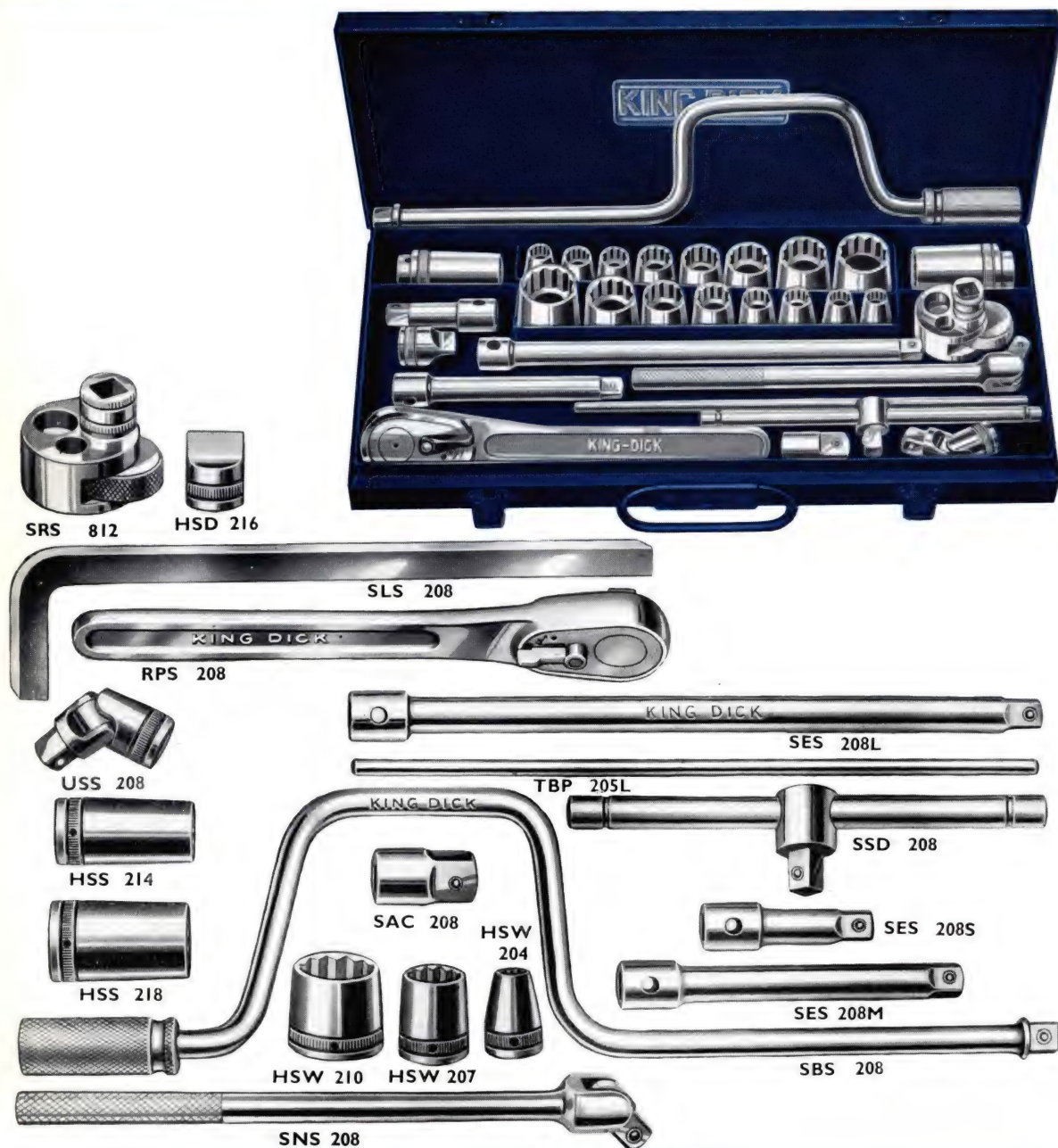
**TKS 446** Accessories, B.S.F. or Whitworth and A/F Sockets as above

**TKS 449** Accessories and Metric Sockets as above



# SQUARE DRIVE SOCKET SETS

# KING DICK



ABINGDON KING DICK LIMITED · ABINGDON



Stock No.	
<b>SBC 806</b>	<b>Steel Box, 8<math>\frac{1}{2}</math>" <math>\times</math> 2<math>\frac{1}{2}</math>" <math>\times</math> 2"</b>
<b>SBC 828</b>	<b>Steel Box, 13<math>\frac{1}{2}</math>" <math>\times</math> 3" <math>\times</math> 1<math>\frac{7}{8}</math>"</b>
<b>SBC 808</b>	<b>Steel Box, 18" <math>\times</math> 8" <math>\times</math> 2"</b>
<b>RPS 208</b>	<b>Reversible Ratchet</b>
<b>RPS 207</b>	<b>Reversible Ratchet</b> (as used in Standard Set). An entirely new departure in the manufacture of the Ratchet handle incorporating an Aluminium Alloy heat treated forging has enabled us to provide an ultra lightweight tool which the hard working mechanic will really appreciate. A lever reversing action operates totally enclosed mechanism which should occasionally be lubricated with a light oil.
<b>SSD 208</b>	<b>Sliding Tee Bar, 7"</b>
<b>SSD 210</b>	<b>Sliding Tee Bar, 12"</b> A utility accessory which, when used with any length of extension bar, has untold applications.
<b>SNS 208</b>	<b>Jointed Nut Spinner</b> Incorporates a flexible head enabling it to be used as a nut spinner. An offset driver and an angular head driver all in one.
<b>SES 208S</b>	<b>Extension Bar, 3" long</b>
<b>SES 208M</b>	<b>Extension Bar, 6" long</b>
<b>SES 208L</b>	<b>Extension Bar, 12" long</b> Supplied in three lengths which enables the necessary clearance to be obtained. When used with a tommy bar through the $\frac{1}{2}$ " diameter hole in the head you have the equivalent of a one piece driver.
<b>SES 208X</b>	<b>Extension Bar, 18" long</b>
<b>SBS 208</b>	<b>Speeder Brace</b> A real time saver with a throw of the correct dimensions to provide the required leverage.
<b>USS 208</b>	<b>Plug and Socket Universal Joint</b> Designed to give a full 90° movement, they have an amazing number of uses and overcome all the "difficult to get at" problems.
<b>SAC 207</b>	<b>Converter, <math>\frac{3}{8}</math>"-<math>\frac{1}{2}</math>"</b> By which $\frac{3}{8}$ " square drive sockets can be used with $\frac{1}{2}$ " accessories.
<b>SAC 208</b>	<b>Converter, <math>\frac{1}{2}</math>"-<math>\frac{3}{4}</math>"</b> By which $\frac{3}{4}$ " square drive sockets can be used with $\frac{1}{2}$ " accessories.
<b>SBC 606</b>	<b>Hold-all Cage</b>
<b>SLS 208</b>	<b>Square Cranked Driver</b>
<b>HSD 216</b>	<b>Drag Link Adjuster</b>
<b>SRS 812</b>	<b>Stud Extractor</b>
<b>TBP 205L</b>	<b>Tommy Bar, <math>\frac{5}{16}</math>" dia. <math>\times</math> 12" long</b>



# SQUARE DRIVE SOCKET SETS

# KING DICK

## STANDARD BI-HEXAGON

### B.S.F. and Whitworth Sockets



Stock No.	Nut Size		Width Across Flats	Stock No.	Nut Size		Width Across Flats
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192			B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
HSW 202	$\frac{3}{16}$ "	$\frac{1}{8}$ "	.340	HSW 208	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920
HSW 203	$\frac{1}{4}$ "	$\frac{3}{16}$ "	.445	HSW 209	$\frac{5}{8}$ "	$\frac{9}{16}$ "	1.010
HSW 204	$\frac{5}{16}$ "	$\frac{1}{4}$ "	.525	HSW 210	$\frac{11}{16}$ "	$\frac{5}{8}$ "	1.100
HSW 205	$\frac{3}{8}$ "	$\frac{5}{16}$ "	.600	HSW 211	$\frac{3}{4}$ "	$\frac{11}{16}$ "	1.200
HSW 206	$\frac{7}{16}$ "	$\frac{3}{8}$ "	.710	HSW 212	$\frac{7}{8}$ "	$\frac{3}{4}$ "	1.300
HSW 207	$\frac{1}{2}$ "	$\frac{7}{16}$ "	.820				

## STANDARD BI-HEXAGON

### Hexagon A/F Sockets



Stock No.	Nut Size A/F	Unified Hex. N. Series	S.A.E. Size	Width Across Flats	Stock No.	Nut Size A/F	Unified Hex. N. Series	S.A.E. Size	Width Across Flats
HSA 212	$\frac{3}{8}$ "			.375	HSA 225	$\frac{25}{32}$ "			.781
HSA 214	$\frac{7}{16}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	.437	HSA 226	$\frac{13}{16}$ "			.812
HSA 216	$\frac{1}{2}$ "	$\frac{5}{16}$ "	$\frac{5}{16}$ "	.500	HSA 228	$\frac{7}{8}$ "	$\frac{9}{16}$ "	$\frac{9}{16}$ "	.875
HSA 218	$\frac{9}{16}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	.562	HSA 230	$\frac{15}{16}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	.937
HSA 219	$\frac{19}{32}$ "			.593	HSA 232	1"			1.0
HSA 220	$\frac{5}{8}$ "		$\frac{7}{16}$ "	.625	HSA 234	$1\frac{1}{16}$ "		$\frac{3}{4}$ "	1.062
HSA 222	$\frac{11}{16}$ "	$\frac{7}{16}$ "		.687	HSA 236	$1\frac{1}{8}$ "	$\frac{3}{4}$ "		1.125
HSA 224	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.750	HSA 240	$1\frac{1}{4}$ "		$\frac{7}{8}$ "	1.250

## STANDARD BI-HEXAGON

### Metric Sockets



Stock No.	Nut Size Across Flats	Width Across Flats	Stock No.	Nut Size Across Flats	Width Across Flats
HSM 211	11 m/m	.433	HSM 220	20 m/m	.787
HSM 212	12 m/m	.472	HSM 221	21 m/m	.827
HSM 213	13 m/m	.512	HSM 222	22 m/m	.866
HSM 214	14 m/m	.551	HSM 225	22.5 m/m	.886
HSM 2145	14.5 m/m	.571	HSM 223	23 m/m	.905
HSM 215	15 m/m	.590	HSM 224	24 m/m	.944
HSM 216	16 m/m	.630	HSM 226	26 m/m	1.023
HSM 217	17 m/m	.669	HSM 227	27 m/m	1.062
HSM 2175	17.5 m/m	.689	HSM 228	28 m/m	1.102
HSM 218	18 m/m	.709	HSM 230	30 m/m	1.181
HSM 219	19 m/m	.748	HSM 232	32 m/m	1.259



### Standard Bi-Square

#### Square A/F Sockets



Stock No.	Size A/F	Width Across Flats	Stock No.	Size A/F	Width Across Flats
HSQ 206	$\frac{3}{16}$ "	.187	HSQ 222	$\frac{11}{16}$ "	.687
HSQ 208	$\frac{1}{4}$ "	.250	HSQ 224	$\frac{3}{4}$ "	.750
HSQ 210	$\frac{5}{16}$ "	.312	HSQ 226	$\frac{13}{16}$ "	.812
HSQ 212	$\frac{3}{8}$ "	.375	HSQ 228	$\frac{7}{8}$ "	.875
HSQ 214	$\frac{7}{16}$ "	.437	HSQ 230	$\frac{15}{16}$ "	.937
HSQ 216	$\frac{1}{2}$ "	.500	HSQ 232	1"	1.0
HSQ 218	$\frac{9}{16}$ "	.562	HSQ 234	1 $\frac{1}{16}$ "	1.062
HSQ 220	$\frac{5}{8}$ "	.625	HSQ 236	1 $\frac{1}{8}$ "	1.125



### Bi-Hexagon

#### Extra long Sparking Plug Sockets

Stock No.	Width Across Flats	O/all Length	Sparking Plug Size
HSS 210	.625	2 $\frac{5}{8}$ "	10 m/m
HSS 214	.820	2 $\frac{5}{8}$ "	14 m/m
HSS 218	1.010	2 $\frac{5}{8}$ "	18 m/m
HSS 687	.687	2 $\frac{5}{8}$ "	10 m/m
HSS 709	.709	2 $\frac{5}{8}$ "	10 and 12 m/m
HSS 750	.750	2 $\frac{5}{8}$ "	
HSS 875	.875	2 $\frac{5}{8}$ "	18 m/m Special
HSS 937	.937	2 $\frac{5}{8}$ "	18 m/m Aero $\frac{7}{8}$ " American
HSS 1125	1.125	2 $\frac{5}{8}$ "	$\frac{7}{8}$ " American
HSS 1312	1.312	2 $\frac{5}{8}$ "	



# SQUARE DRIVE SOCKET SETS

# KING DICK

## STANDARD BI-HEXAGON

### B.S.F. and Whitworth Sockets



Stock No.	Nut Size		Width Across Flats	Stock No.	Nut Size		Width Across Flats
	B.S.F. and Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192			B.S.F. and Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
<b>HSW 202</b>	$\frac{3}{16}$ "	$\frac{1}{8}$ "	.340	<b>HSW 208</b>	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920
<b>HSW 203</b>	$\frac{1}{4}$ "	$\frac{3}{16}$ "	.445	<b>HSW 209</b>	$\frac{5}{8}$ "	$\frac{9}{16}$ "	1.010
<b>HSW 204</b>	$\frac{5}{16}$ "	$\frac{1}{4}$ "	.525	<b>HSW 210</b>	$\frac{11}{16}$ "	$\frac{5}{8}$ "	1.100
<b>HSW 205</b>	$\frac{3}{8}$ "	$\frac{5}{16}$ "	.600	<b>HSW 211</b>	$\frac{3}{4}$ "	$\frac{11}{16}$ "	1.200
<b>HSW 206</b>	$\frac{7}{16}$ "	$\frac{3}{8}$ "	.710	<b>HSW 212</b>	$\frac{7}{8}$ "	$\frac{3}{4}$ "	1.300
<b>HSW 207</b>	$\frac{1}{2}$ "	$\frac{7}{16}$ "	.820				

## STANDARD BI-HEXAGON

### Hexagon A/F Sockets



Stock No.	Nut Size A/F	Unified Hex. N. Series	S.A.E. Size	Width Across Flats	Stock No.	Nut Size A/F	Unified Hex. N. Series	S.A.E. Size	Width Across Flats
<b>HSA 212</b>	$\frac{3}{8}$ "			.375	<b>HSA 225</b>	$\frac{25}{32}$ "			.781
<b>HSA 214</b>	$\frac{7}{16}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	.437	<b>HSA 226</b>	$\frac{13}{16}$ "			.812
<b>HSA 216</b>	$\frac{1}{2}$ "	$\frac{5}{16}$ "	$\frac{5}{16}$ "	.500	<b>HSA 228</b>	$\frac{7}{8}$ "	$\frac{3}{16}$ "	$\frac{9}{16}$ "	.875
<b>HSA 218</b>	$\frac{9}{16}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	.562	<b>HSA 230</b>	$\frac{15}{16}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	.937
<b>HSA 219</b>	$\frac{13}{16}$ "			.593	<b>HSA 232</b>	1"			1.0
<b>HSA 220</b>	$\frac{5}{8}$ "		$\frac{7}{16}$ "	.625	<b>HSA 234</b>	$1\frac{1}{16}$ "		$\frac{3}{4}$ "	1.062
<b>HSA 222</b>	$\frac{11}{16}$ "	$\frac{7}{16}$ "		.687	<b>HSA 236</b>	$1\frac{1}{8}$ "	$\frac{3}{4}$ "		1.125
<b>HSA 224</b>	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.750	<b>HSA 240</b>	$1\frac{1}{4}$ "		$\frac{7}{8}$ "	1.250

## STANDARD BI-HEXAGON

### Metric Sockets



Stock No.	Nut Size Across Flats	Width Across Flats	Stock No.	Nut Size Across Flats	Width Across Flats
<b>HSM 211</b>	11 m/m	.433	<b>HSM 220</b>	20 m/m	.787
<b>HSM 212</b>	12 m/m	.472	<b>HSM 221</b>	21 m/m	.827
<b>HSM 213</b>	13 m/m	.512	<b>HSM 222</b>	22 m/m	.866
<b>HSM 214</b>	14 m/m	.551	<b>HSM 225</b>	22.5 m/m	.886
<b>HSM 2145</b>	14.5 m/m	.571	<b>HSM 223</b>	23 m/m	.905
<b>HSM 215</b>	15 m/m	.590	<b>HSM 224</b>	24 m/m	.944
<b>HSM 216</b>	16 m/m	.630	<b>HSM 226</b>	26 m/m	1.023
<b>HSM 217</b>	17 m/m	.669	<b>HSM 227</b>	27 m/m	1.062
<b>HSM 2175</b>	17.5 m/m	.689	<b>HSM 228</b>	28 m/m	1.102
<b>HSM 218</b>	18 m/m	.709	<b>HSM 230</b>	30 m/m	1.181
<b>HSM 219</b>	19 m/m	.748	<b>HSM 232</b>	32 m/m	1.259



### Standard Bi-Square

#### Square A/F Sockets



Stock No.	Size A/F	Width Across Flats	Stock No.	Size A/F	Width Across Flats
HSQ 206	$\frac{3}{16}$ "	.187	HSQ 222	$\frac{11}{16}$ "	.687
HSQ 208	$\frac{1}{4}$ "	.250	HSQ 224	$\frac{3}{4}$ "	.750
HSQ 210	$\frac{5}{16}$ "	.312	HSQ 226	$\frac{13}{16}$ "	.812
HSQ 212	$\frac{3}{8}$ "	.375	HSQ 228	$\frac{7}{8}$ "	.875
HSQ 214	$\frac{7}{16}$ "	.437	HSQ 230	$\frac{15}{16}$ "	.937
HSQ 216	$\frac{1}{2}$ "	.500	HSQ 232	1"	1.0
HSQ 218	$\frac{9}{16}$ "	.562	HSQ 234	1 $\frac{1}{16}$ "	1.062
HSQ 220	$\frac{5}{8}$ "	.625	HSQ 236	1 $\frac{1}{8}$ "	1.125



### Bi-Hexagon

#### Extra long Sparking Plug Sockets

Stock No.	Width Across Flats	O/all Length	Sparking Plug Size
HSS 210	.625	2 $\frac{5}{8}$ "	10 m/m
HSS 214	.820	2 $\frac{5}{8}$ "	14 m/m
HSS 218	1.010	2 $\frac{5}{8}$ "	18 m/m
HSS 687	.687	2 $\frac{5}{8}$ "	10 m/m
HSS 709	.709	2 $\frac{5}{8}$ "	10 and 12 m/m
HSS 750	.750	2 $\frac{5}{8}$ "	
HSS 875	.875	2 $\frac{5}{8}$ "	18 m/m Special
HSS 937	.937	2 $\frac{5}{8}$ "	18 m/m Aero $\frac{7}{8}$ " American
HSS 1125	1.125	2 $\frac{5}{8}$ "	$\frac{7}{8}$ " American
HSS 1312	1.312	2 $\frac{7}{8}$ "	



# SQUARE DRIVE SOCKET SETS

# KING DICK

## B.S.F. and Whitworth Sockets



Stock No.	Nut Size		Width Across Flats	Stock No.	Nut Size		Width Across Flats
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192			B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
HSW 202	$\frac{3}{16}$ "	$\frac{1}{8}$ "	.340	HSW 208	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920
HSW 203	$\frac{1}{4}$ "	$\frac{3}{16}$ "	.445	HSW 209	$\frac{5}{8}$ "	$\frac{9}{16}$ "	1.010
HSW 204	$\frac{5}{16}$ "	$\frac{1}{4}$ "	.525	HSW 210	$\frac{11}{16}$ "	$\frac{5}{8}$ "	1.100
HSW 205	$\frac{3}{8}$ "	$\frac{5}{16}$ "	.600	HSW 211	$\frac{3}{4}$ "	$\frac{11}{16}$ "	1.200
HSW 206	$\frac{7}{16}$ "	$\frac{3}{8}$ "	.710	HSW 212	$\frac{7}{8}$ "	$\frac{3}{4}$ "	1.300
HSW 207	$\frac{1}{2}$ "	$\frac{7}{16}$ "	.820				

## STANDARD BI-HEXAGON

## Hexagon A/F Sockets



Stock No.	Nut Size A/F	Unified Hex. N. Series	S.A.E. Size	Width Across Flats	Stock No.	Nut Size A/F	Unified Hex. N. Series	S.A.E. Size	Width Across Flats
HSA 212	$\frac{3}{8}$ "			.375	HSA 225	$\frac{25}{32}$ "			.781
HSA 214	$\frac{7}{16}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	.437	HSA 226	$\frac{13}{16}$ "			.812
HSA 216	$\frac{1}{2}$ "	$\frac{5}{16}$ "	$\frac{5}{16}$ "	.500	HSA 228	$\frac{3}{4}$ "	$\frac{3}{16}$ "	$\frac{9}{16}$ "	.875
HSA 218	$\frac{9}{16}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	.562	HSA 230	$\frac{15}{16}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	.937
HSA 219	$\frac{19}{32}$ "			.593	HSA 232	1"			1.0
HSA 220	$\frac{5}{8}$ "		$\frac{7}{16}$ "	.625	HSA 234	$1\frac{1}{16}$ "		$\frac{3}{4}$ "	1.062
HSA 222	$\frac{11}{16}$ "	$\frac{7}{16}$ "		.687	HSA 236	$1\frac{1}{8}$ "	$\frac{3}{4}$ "		1.125
HSA 224	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.750	HSA 240	$1\frac{1}{4}$ "		$\frac{7}{8}$ "	1.250

## STANDARD BI-HEXAGON

## Metric Sockets



Stock No.	Nut Size Across Flats	Width Across Flats	Stock No.	Nut Size Across Flats	Width Across Flats
HSM 211	11 m/m	.433	HSM 220	20 m/m	.787
HSM 212	12 m/m	.472	HSM 221	21 m/m	.827
HSM 213	13 m/m	.512	HSM 222	22 m/m	.866
HSM 214	14 m/m	.551	HSM 225	22.5 m/m	.886
HSM 2145	14.5 m/m	.571	HSM 223	23 m/m	.905
HSM 215	15 m/m	.590	HSM 224	24 m/m	.944
HSM 216	16 m/m	.630	HSM 226	26 m/m	1.023
HSM 217	17 m/m	.669	HSM 227	27 m/m	1.062
HSM 2175	17.5 m/m	.689	HSM 228	28 m/m	1.102
HSM 218	18 m/m	.709	HSM 230	30 m/m	1.181
HSM 219	19 m/m	.748	HSM 232	32 m/m	1.259



### Standard Bi-Square

#### Square A/F Sockets



Stock No.	Size A/F	Width Across Flats	Stock No.	Size A/F	Width Across Flats
HSQ 206	$\frac{3}{16}$ "	.187	HSQ 222	$\frac{11}{16}$ "	.687
HSQ 208	$\frac{1}{4}$ "	.250	HSQ 224	$\frac{3}{4}$ "	.750
HSQ 210	$\frac{5}{16}$ "	.312	HSQ 226	$\frac{13}{16}$ "	.812
HSQ 212	$\frac{3}{8}$ "	.375	HSQ 228	$\frac{7}{8}$ "	.875
HSQ 214	$\frac{7}{16}$ "	.437	HSQ 230	$\frac{15}{16}$ "	.937
HSQ 216	$\frac{1}{2}$ "	.500	HSQ 232	1"	1.0
HSQ 218	$\frac{9}{16}$ "	.562	HSQ 234	1 $\frac{1}{16}$ "	1.062
HSQ 220	$\frac{5}{8}$ "	.625	HSQ 236	1 $\frac{1}{8}$ "	1.125



### Bi-Hexagon

#### Extra long Sparking Plug Sockets

Stock No.	Width Across Flats	O/all Length	Sparking Plug Size
HSS 210	.625	2 $\frac{5}{8}$ "	10 m/m
HSS 214	.820	2 $\frac{5}{8}$ "	14 m/m
HSS 218	1.010	2 $\frac{5}{8}$ "	18 m/m
HSS 687	.687	2 $\frac{5}{8}$ "	10 m/m
HSS 709	.709	2 $\frac{5}{8}$ "	10 and 12 m/m
HSS 750	.750	2 $\frac{5}{8}$ "	
HSS 875	.875	2 $\frac{5}{8}$ "	18 m/m Special
HSS 937	.937	2 $\frac{5}{8}$ "	18 m/m Aero $\frac{7}{8}$ " American
HSS 1125	1.125	2 $\frac{5}{8}$ "	$\frac{7}{8}$ " American
HSS 1312	1.312	2 $\frac{5}{8}$ "	



# SQUARE DRIVE SOCKET SETS

# KING DICK



## ACCESSORIES

Hold All Cage  
Cranked Driver

B.S.F. Sockets	...	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "
Whitworth Sockets...		$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
American A/F Sockets		$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
Metric A/F Sockets	...	11	12	14	17	19	22

Set  
No.

**TKS 606** B.S.F. or Whitworth Sockets

**TKS 616** American A/F Sockets

**TKS 626** Metric A/F Sockets

## ACCESSORIES

Steel Box  
Reversible Ratchet

Sliding Tee Bar  
Medium Extension  
Bar, 6" long

B.S.F. Sockets	...	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "
Whitworth Sockets...		$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
American A/F Sockets		$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
Metric A/F Sockets	...	11	12	14	17	19	22

Set  
No.

**TKS 806** B.S.F. or Whitworth Sockets

**TKS 816** American A/F Sockets

**TKS 826** Metric A/F Sockets



# KING DICK

## SQUARE DRIVE SOCKET SETS



**ACCESSORIES** Steel Box. Medium Extension Bar, 6" long. Sliding Tee Bar Jointed Nut Spinner

B.S.F. Sockets ...	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Whitworth Sockets	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "
American A/F Sockets	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "
Metric Sockets	11	12	14	17	19	22	24	27

Set No.

**TKS 828** B.S.F. or Whitworth Sockets

**TKS 829** American A/F Sockets

**TKS 830** Metric A/F Sockets



**ACCESSORIES** Steel Box. Long Extension Bar, 12" long. Alloy Heat Treated Ratchet. Sliding Tee Bar. Short Extension Bar, 3" long. Speeder Brace. Medium Extension Bar, 6" long. Drag Link Adjuster.

B.S.F. Sockets ...	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Whitworth Sockets	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "
American A/F Sockets	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "
Metric A/F Sockets	11	12	14	17	19	22	24	27

Set No.

**TKS 808** B.S.F. or Whitworth Sockets

**TKS 809** American A/F Sockets

**TKS 810** Metric Sockets



# SQUARE DRIVE SOCKET SETS

# KING DICK



## ACCESSORIES

Steel Box      Sliding Tee Bar      Alloy Heat Treated Ratchet      Speeder Brace  
Short Extension Bar, 3" long      Medium Extension Bar, 6" long      Drag Link Adjuster  
Long Extension Bar, 12" long

B.S.F. Sockets	...	...	...	...	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"
Whitworth Sockets	...	...	...	...	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"
American A/F Sockets	...	...	...	...	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1 1/8"
Metric A/F Sockets	...	...	...	...	11	12	14	17	19	22	24	27

Set No.

**TKS 889** B.S.F. or Whitworth and American A/F Sockets

**TKS 890** Metric and American A/F Sockets

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### ACCESSORIES

Steel Box      Alloy Heat Treated Ratchet.      Short Extension Bar, 3" long  
 Medium Extension Bar, 6" long      Long Extension Bar, 12" long      Sliding Tee Bar  
 Speeder Brace.      Jointed Nut Spinner      Plug and Socket Universal Joint  
 14 m/m Sparking Plug Socket      18 m/m Sparking Plug Socket

B.S.F. Sockets	...	...	...	...	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"
Whitworth Sockets	...	...	...	...	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"
American A/F Sockets	...	...	...	...	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	15/16"	1 1/16"	1 1/8"

Set No.

**TKS 858** B.S.F. or Whitworth Sockets

**TKS 859** American A/F Sockets



# SQUARE DRIVE SOCKET SETS

# KING DICK



## ACCESSORIES

Steel Box      Alloy Heat Treated Ratchet      Short Extension Bar, 3" long  
 Medium Extension Bar, 6" long      Long Extension Bar, 12" long      Sliding Tee Bar  
 Speeder Brace      Jointed Nut Spinner      Plug and Socket Universal Joint  
 14 m/m Sparking Plug Socket      18 m/m Sparking Plug Socket

B.S.F. Sockets	...	...	...	...	1"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"									
Whitworth Sockets	...	...	...	...	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"									
American A/F Sockets	...	...	...	...		7/16"	1/2"	9/16"	5/8"	3/4"	13/16"	7/8"	1"	1 1/8"									
Metric Sockets	...	...	...	...	11	12	13	14	15	16	17	18	19	20	21	22	23	24	26	27	28	30	32

Set No.

**TKS 860** B.S.F. or Whitworth and American A/F Sockets

**TKS 879** Metric Sockets





### ACCESSORIES

Steel Box Alloy Heat Treated Ratchet Short Extension Bar, 3" long  
 Medium Extension Bar, 6" long Long Extension Bar, 12" long Sliding Tee Bar  
 Speeder Brace Drag Link Adjuster Jointed Nut Spinner  
 Plug and Socket Universal Joint 14 m/m Sparking Plug Socket  
 18 m/m Sparking Plug Socket  
 Converter, 1/2"-3/4" Drive by which 3/4" Square Drive Sockets can be used with 1/2" Accessories

B.S.F. Sockets ...	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"
Whitworth Sockets ...	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"
American A/F Sockets	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1 1/8"

Set No.  
**TKS 899A** B.S.F. or Whitworth and American A/F Sockets



# SQUARE DRIVE SOCKET SETS

# KING DICK



## Accessories

Steel Box    Alloy Heat Treated Ratchet    Short Extension Bar, 3" long    Medium Extension Bar, 6" long  
Long Extension Bar, 12" long    Sliding Tee Bar    Speeder Brace    Jointed Nut Spinner    Plug and  
Socket Universal Joint    14 m/m Sparking Plug Socket    18 m/m Sparking Plug Socket

B.S.F. Sockets ...	...	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
Whitworth Sockets ...	...	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "
American A/F Sockets		$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{8}$ "		
Square A/F Sockets		$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "			

**TKS 872** B.S.F. or Whitworth, American A/F and Square A/F Sockets



# KING DICK

## SQUARE DRIVE SOCKET SETS

$\frac{1}{2}$ "

&

$\frac{3}{4}$ "



### Accessories

Steel Box   Alloy Heat Treated Ratchet   Short Extension Bar, 3" long   Medium Extension Bar, 6" long  
 Long Extension Bar, 12" long   Sliding Tee Bar   Speeder Brace   Jointed Nut Spinner   Plug and  
 Socket Universal Joint   14 m/m Sparking Plug Socket   18 m/m Sparking Plug Socket   Converter  
 $\frac{1}{2}$ "- $\frac{3}{4}$ " Drive by which  $\frac{3}{4}$ " Square Drive Sockets can be used with  $\frac{1}{2}$ " Accessories

B.S.F. Sockets	...	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "
Whitworth Sockets	...	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
American A/F Sockets		$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{5}{16}$ "	$1\frac{7}{16}$ "	$1\frac{5}{8}$ "

**TKS 970** B.S.F. or Whitworth and American A/F Sockets



# SQUARE DRIVE SOCKET SETS

# KING DICK





Long experience in the manufacturing of Socket Sets for Mechanics in all manner of engineering works, has proved beyond question that the extensive range of fitments incorporated in the Abingdon KING DICK Heavy Duty Socket Set gives highly satisfactory service to skilled workers who have to cope with an almost endless variety of heavy engineering jobs under ever varying conditions. Efficient undertakings cannot afford to be without this equipment.

Stock  
No.

**SBC 907 Steel Box,  $16\frac{1}{2}" \times 10\frac{1}{2}" \times 2\frac{1}{4}"$**

Made in heavy gauge steel and finished in rust proof blue enamel.

**RPS 212 Reversible Ratchet**

Using Heat Treated Aluminium Alloy a ratchet has been developed with an amazing saving in weight.

**SES 212S Extension Bar, 4" long**

**SES 212M Extension Bar, 8" long**

**SES 212L Extension Bar, 16" long**

Available in three lengths will enable you to get at any nut however deep the recess in which it is situated.

**SSD 212 Sliding Tee Bar**

The Sliding Tommy Bar provides variable leverage to suit your requirements.

**SNS 212 Jointed Nut Spinner**

An essential unit with a swivel head which overcomes all your problems with the inaccessible nuts and bolts.

**USS 212 Plug and Socket Universal Joint**

Both joints can be operated at any angle to suit the particular requirement.

**SAC 212 Converter,  $\frac{3}{4}" - \frac{1}{2}"$**

Converts accessories to  $\frac{1}{2}"$  Square Drive.

**TBP 208L  $\frac{1}{2}" \times 16"$  Tommy Bar**



## SQUARE DRIVE SOCKET SETS

# KING DICK

### B.S.F. and Whitworth Sockets



Stock No.	Nut Size		Width Across Flats	Stock No.	Nut Size		Width Across Flats
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192			B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
LSW 210	$\frac{11}{16}$ "	$\frac{5}{8}$ "	1.100	LSW 215	$1\frac{1}{16}$ "	$\frac{15}{16}$ "	1.580
LSW 211	$\frac{3}{4}$ "	$\frac{11}{16}$ "	1.200	LSW 216	$1\frac{1}{8}$ "	1"	1.670
LSW 212	$\frac{7}{8}$ "	$\frac{3}{4}$ "	1.300	LSW 218	$1\frac{1}{4}$ "	$1\frac{1}{8}$ "	1.860
LSW 213	$\frac{13}{16}$ "	$\frac{13}{16}$ "	1.390	LSW 220	$1\frac{3}{8}$ "	$1\frac{1}{4}$ "	2.050
LSW 214	1"	$\frac{7}{8}$ "	1.480				

### American A/F Sockets



Stock No.	Nut Size Across Flats	S.A.E. Size	Width Across Flats	Stock No.	Nut Size Across Flats	S.A.E. Size	Width Across Flats
LSA 228	$\frac{7}{8}$ "	$\frac{9}{16}$ "	.875	LSA 246	$1\frac{7}{16}$ "	1"	1.437
LSA 230	$\frac{15}{16}$ "	$\frac{5}{8}$ "	.937	LSA 248	$1\frac{1}{2}$ "		1.500
LSA 232	1"		1.0	LSA 250	$1\frac{9}{16}$ "		1.562
LSA 234	$1\frac{1}{16}$ "	$\frac{3}{4}$ "	1.062	LSA 252	$1\frac{5}{8}$ "	$1\frac{1}{8}$ "	1.625
LSA 236	$1\frac{1}{8}$ "		1.125	LSA 254	$1\frac{11}{16}$ "		1.687
LSA 238	$1\frac{3}{16}$ "		1.187	LSA 256	$1\frac{3}{4}$ "		1.750
LSA 240	$1\frac{1}{4}$ "	$\frac{7}{8}$ "	1.250	LSA 258	$1\frac{13}{16}$ "	$1\frac{1}{4}$ "	1.812
LSA 242	$1\frac{5}{16}$ "		1.312	LSA 260	$1\frac{7}{8}$ "		1.875
LSA 244	$1\frac{3}{8}$ "		1.375	LSA 264	2"	$1\frac{3}{8}$ "	2"

### Metric Sockets



Stock No.	Nut Size Across Flats	Width Across Flats	Stock No.	Nut Size Across Flats	Width Across Flats
LSM 233	33 m/m	1.299	LSM 241	41 m/m	1.614
LSM 235	35 "	1.378	LSM 242	42 "	1.653
LSM 236	36 "	1.417	LSM 245	45 "	1.772
LSM 238	38 "	1.496	LSM 246	46 "	1.811
LSM 239	39 "	1.535	LSM 250	50 "	1.968
LSM 240	40 "	1.575	LSM 255	55 "	2.165



# KING DICK

## SQUARE DRIVE SOCKET SETS

**3/4"**



### ACCESSORIES

Steel Box  
Alloy Heat Treated Ratchet  
Short Extension Bar, 4" long  
Medium Extension Bar, 8" long  
Long Extension Bar, 16" long  
Sliding Tee Bar  
 $\frac{1}{2}$ " x 16" Tommy Bar

B.S.F. Sockets ...	$\frac{1}{16}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "
Whitworth Sockets	$\frac{9}{16}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"
American A/F Sockets	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{7}{8}$ "	$1\frac{3}{4}$ "	$1\frac{1}{2}$ "
Metric Sockets ...	33	35	36	38	39	40	

Set No.

**TKS 907** B.S.F. or Whitworth Sockets

**TKS 908** American A/F Sockets

**TKS 909** Metric Sockets

**TKS 978** B.S.F. or Whitworth and American A/F Sockets

### ACCESSORIES

Steel Box  
Alloy Heat Treated Ratchet  
Short Extension Bar, 4" long  
Medium Extension Bar, 8" long  
Long Extension Bar, 16" long  
Sliding Tee Bar  
 $\frac{1}{2}$ " x 16" Tommy Bar  
Jointed Nut Spinner  
Plug and Socket Universal Joint  
Converter  $\frac{3}{4}$ "- $\frac{1}{2}$ " Drive by which  $\frac{1}{2}$ " Square Drive Sockets can be used with  $\frac{3}{4}$ " Accessories

B.S.F. Sockets ...	$\frac{1}{16}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "
or							
Whitworth Sockets	$\frac{9}{16}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"
American A/F Sockets	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{7}{8}$ "	$1\frac{3}{4}$ "	$1\frac{1}{2}$ "

Set No.

**TKS 999** B.S.F. or Whitworth and American A/F Sockets



# SQUARE DRIVE SOCKET SETS

# KING DICK



## Accessories

Stock No.	Accessories
SBC 926	Steel Box, 32 $\frac{1}{2}$ " $\times$ 11 $\frac{1}{8}$ " $\times$ 4 $\frac{3}{8}$ " Sliding Tee Bar Converter, $\frac{3}{8}$ " $\times$ 1"
SSD 216	
SAC 216	

Stock No.	Accessories
SES 216S	Short Extension Bar Long Extension Bar
SES 216L	

## B.S.F. and Whitworth Sockets

Stock No.	NUT SIZES		Width Across Flats
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
GSW 216	1 $\frac{1}{8}$ "	1"	1.670
GSW 218	1 $\frac{1}{4}$ "	1 $\frac{1}{8}$ "	1.860
GSW 220	1 $\frac{3}{8}$ "	1 $\frac{1}{4}$ "	2.050
GSW 222	1 $\frac{1}{2}$ "	1 $\frac{3}{8}$ "	2.220
GSW 224	1 $\frac{5}{8}$ "	1 $\frac{1}{2}$ "	2.410
GSW 226	1 $\frac{3}{4}$ "	1 $\frac{5}{8}$ "	2.580
GSW 228	2"	1 $\frac{3}{4}$ "	2.760
GSW 232	2 $\frac{1}{4}$ "	2"	3.150

## American A/F Sockets

Stock No.	Nut Size A/F	S.A.E. Size	Width A/F	Stock No.	Nut Size A/F	S.A.E. Size	Width A/F
GSA 246	1 $\frac{7}{16}$ "	1"	1.437	GSA 266	2 $\frac{1}{16}$ "	1 $\frac{1}{2}$ "	2.062
GSA 248	1 $\frac{1}{2}$ "		1.500	GSA 270	2 $\frac{3}{16}$ "		2.187
GSA 250	1 $\frac{9}{16}$ "		1.562	GSA 272	2 $\frac{1}{2}$ "		2.250
GSA 252	1 $\frac{5}{8}$ "		1.625	GSA 276	2 $\frac{3}{8}$ "		2.375
GSA 254	1 $\frac{11}{16}$ "	1 $\frac{1}{8}$ "	1.687	GSA 282	2 $\frac{7}{16}$ "		2.562
GSA 256	1 $\frac{3}{4}$ "		1.750	GSA 284	2 $\frac{9}{16}$ "		2.625
GSA 258	1 $\frac{13}{16}$ "	1 $\frac{1}{4}$ "	1.812	GSA 288	2 $\frac{11}{16}$ "		2.750
GSA 260	1 $\frac{7}{8}$ "		1.875	GSA 294	2 $\frac{13}{16}$ "		2.937
GSA 264	2"	1 $\frac{3}{8}$ "	2.0	GSA 299	3 $\frac{1}{8}$ "		3.125

**TKS 1012** Comprises all the above listed accessories and a complete range of 8 sockets from 1"—2" Whitworth.

**TKS 1022** Comprises all the above listed accessories and a complete range of 18 sockets from 1 $\frac{7}{16}$ "—3 $\frac{1}{8}$ " American A/F.



## SETS OF SOCKETS



Sets of Sockets are always an asset to the mechanics set of equipment. Particularly useful are the complete range covering all the standard Sparking Plug sizes. Sets are supplied complete in Steel Box.

[illegible]

With Set No. TKS 912, you can convert your present Socket Set to suit the New Unified Hexagon British Standard for Nuts and Bolts.

## TOOL CHESTS

# KING DICK



TKU 393



TKU 193

A Tool Chest complete with sliding drawers to house all the tools an engineer is likely to require. Every modern garage or service station is not complete without this set as part of its equipment.

For mechanics who prefer a roomy deep box type Tool Chest with lift out tray at top, we supply a less elaborate model with ample space for the man who wishes to build up his kit gradually.

### TKU 193. Contains the following :

1 Set Bi-Hex. Sockets	...	...	...	...	...	B.S.F.	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"
						WHIT.	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"
1 Set American A/F Bi-Hex. Sockets	...	...	...	...	...		1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"
2 Sparking Plug Sockets	...	...	...	...	...		1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"
1 Reversible Ratchet.	...	...	...	...	...									
1 Speeder Brace.	...	...	...	...	...									
1 Sliding Tee Bar.	...	...	...	...	...									
1 Jointed Nut Spinner.	...	...	...	...	...									

14 m/m and 18 m/m.  
3 Extension Bars, 3", 6" and 12".  
1 Draglink Adjuster.  
1 Adaptor.  
Steel Box Size, 18" x 8" x 9".

### TKU 393. Contains the following :

1 Set Bi-Hex. Sockets	...	...	...	...	...	B.S.F.	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"
						WHIT.	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"
1 Set American A/F Bi-Hex. Sockets	...	...	...	...	...		1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"
2 Sparking Plug Sockets	...	...	...	...	...		1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"
1 Reversible Ratchet.	...	...	...	...	...									
1 Speeder Brace.	...	...	...	...	...									
1 Sliding Tee Bar.	...	...	...	...	...									
1 Jointed Nut Spinner.	...	...	...	...	...									

14 m/m and 18 m/m.  
3 Extension Bars, 3", 6" and 12".  
1 Draglink Adjuster.  
1 Adaptor.  
Steel Box Size, 18" x 8" x 6 1/2".

With both Chests Metric can be substituted for either Whit. or American A/F.





TKU 422



TKU 232

**TKU 232 and TKU 422 Contain the following Tools :**

1 Set Bi-Hex. Sockets B.S.F.  $\frac{1}{4}$ "  $\frac{5}{16}$ "  $\frac{3}{8}$ "  $\frac{7}{16}$ "  $\frac{1}{2}$ "  $\frac{9}{16}$ "  $\frac{5}{8}$ "  $\frac{11}{16}$ " Whit.  $\frac{3}{16}$ "  $\frac{1}{4}$ "  $\frac{5}{16}$ "  $\frac{3}{8}$ "  $\frac{7}{16}$ "  $\frac{1}{2}$ "  $\frac{9}{16}$ "  $\frac{5}{8}$ "  
 1 Set American A/F Bi-Hex. Sockets  $\frac{7}{16}$ "  $\frac{1}{2}$ "  $\frac{9}{16}$ "  $\frac{5}{8}$ "  $\frac{3}{4}$ "  $\frac{7}{8}$ " 1"  $1\frac{1}{8}$ " 2 Sparking Plug Sockets 14 m/m and 18 m/m.

1 Reversible Ratchet 1 Speeder Brace 1 Sliding Tee Bar 1 Jointed Nut Spinner  
 3 Extension Bars, 3", 6" and 12" 1 Draglink Adjuster 1 Adaptor

**1 Set Double Open Ended Spanners**

B.S.F.  $\frac{3}{16}$ "  $\times$   $\frac{1}{4}$ "  $\frac{1}{4}$ "  $\times$   $\frac{5}{16}$ "  $\frac{5}{16}$ "  $\times$   $\frac{3}{8}$ "  $\frac{3}{8}$ "  $\times$   $\frac{7}{16}$ "  $\frac{7}{16}$ "  $\times$   $\frac{1}{2}$ "  $\frac{1}{2}$ "  $\times$   $\frac{9}{16}$ "  $\frac{9}{16}$ "  $\times$   $\frac{5}{8}$ "  $\frac{5}{8}$ "  $\times$   $\frac{11}{16}$ "  $\frac{11}{16}$ "  $\times$   $\frac{3}{4}$ "  $\frac{3}{4}$ "  $\times$  1" 1"  $\times$   $1\frac{1}{8}$ "  
 Whit.  $\frac{3}{8}$ "  $\times$   $\frac{1}{2}$ "  $\frac{1}{2}$ "  $\times$   $\frac{5}{8}$ "  $\frac{5}{8}$ "  $\times$   $\frac{3}{4}$ "  $\frac{3}{4}$ "  $\times$   $\frac{7}{8}$ "  $\frac{7}{8}$ "  $\times$   $\frac{1}{2}$ "  $\frac{1}{2}$ "  $\times$   $\frac{9}{16}$ "  $\frac{9}{16}$ "  $\times$   $\frac{5}{8}$ "  $\frac{5}{8}$ "  $\times$   $\frac{3}{4}$ "  $\frac{3}{4}$ "  $\times$   $\frac{7}{8}$ "  $\frac{7}{8}$ "  $\times$  1" 1"  $\times$   $1\frac{1}{8}$ "

**1 Set Combination Spanners**

B.S.F.  $\frac{1}{4}$ "  $\frac{5}{16}$ "  $\frac{3}{8}$ "  $\frac{7}{16}$ "  $\frac{1}{2}$ "  $\frac{9}{16}$ "  $\frac{5}{8}$ " Whit.  $\frac{3}{16}$ "  $\frac{1}{4}$ "  $\frac{5}{16}$ "  $\frac{3}{8}$ "  $\frac{7}{16}$ "  $\frac{1}{2}$ "  $\frac{9}{16}$ "

**1 Set Double Offset Ring Spanners**

B.S.F.  $\frac{3}{16}$ "  $\times$   $\frac{1}{4}$ "  $\frac{1}{4}$ "  $\times$   $\frac{5}{16}$ "  $\frac{5}{16}$ "  $\times$   $\frac{3}{8}$ "  $\frac{3}{8}$ "  $\times$   $\frac{7}{16}$ "  $\frac{7}{16}$ "  $\times$   $\frac{1}{2}$ "  $\frac{1}{2}$ "  $\times$   $\frac{9}{16}$ "  $\frac{9}{16}$ "  $\times$   $\frac{5}{8}$ "  
 Whit.  $\frac{3}{8}$ "  $\times$   $\frac{1}{2}$ "  $\frac{1}{2}$ "  $\times$   $\frac{5}{8}$ "  $\frac{5}{8}$ "  $\times$   $\frac{3}{4}$ "  $\frac{3}{4}$ "  $\times$   $\frac{7}{8}$ "  $\frac{7}{8}$ "  $\times$   $\frac{1}{2}$ "  $\frac{1}{2}$ "  $\times$   $\frac{9}{16}$ "  $\frac{9}{16}$ "  $\times$   $\frac{5}{8}$ "

**In addition to above TKU 232 contains the following additional tools :**

1 6" KING DICK Adjustable Spanner, 1 pair 6" Pliers, 1 Ball Pein Hammer, 1 Stud Remover, 2 Shockproof Screwdrivers and 1 Set Tappet Spanners, B.S.F.  $\frac{1}{4}$ "  $\times$   $\frac{5}{16}$ " and  $\frac{3}{8}$ "  $\times$   $\frac{7}{16}$ ".

**Stock No. TKU 422.**

Complete Set as above with Tool Chest.

Steel Box Size, 18"  $\times$  8"  $\times$  6 $\frac{1}{2}$ ".

With both Sets Metric or American A/F can be supplied instead of Whitworth.

**Stock No. TKU 232.**

Complete Set as above with Tool Chest.

Steel Box Size, 18"  $\times$  8"  $\times$  9".

# SERVICE KIT

# KING DICK



**FOR ALL BRITISH VEHICLES**  
including Tractors  
when fitted with Whit. or B.S.F. Bolts and Nuts.

## CONTENTS OF SET

**SOCKETS, WHIT.** ... ..  $\frac{3}{16}$ "  $\frac{1}{4}$ "  $\frac{5}{16}$ "  $\frac{3}{8}$ "  $\frac{7}{16}$ "  $\frac{1}{2}$ "  $\frac{9}{16}$ "  $\frac{5}{8}$ "  $\frac{1}{2}$ " Sq. Drive  
 $\frac{11}{16}$ "  $\frac{3}{4}$ "  $\frac{13}{16}$ "  $\frac{7}{8}$ "  $\frac{15}{16}$ "  $1$ "  $\frac{3}{4}$ " Sq. Drive

**ACCESSORIES**  $\frac{1}{2}$ " Sq. Drive

Reversible Ratchet    Jointed Nut Spinner    Universal Joint    Speeder Brace  
6" Extension Bar    12" Extension Bar     $\frac{1}{2}$ " Dia.  $\times$  12" T. Bar    Stud Extractor

$\frac{3}{4}$ " Sq. Drive

Reversible Ratchet  
Sliding T. Bar  
8" Extension Bar

**DOUBLE OFFSET RING SPANNERS** Whit.  $\frac{1}{8} \times \frac{3}{16}$ "  $\frac{1}{4} \times \frac{5}{16}$ "  $\frac{3}{8} \times \frac{7}{16}$ "  $\frac{1}{2} \times \frac{9}{16}$ "  $\frac{5}{8} \times \frac{3}{4}$ "  $\frac{7}{8} \times 1$ "

**DOUBLE OPEN ENDED SPANNERS** Whit.  $\frac{1}{8} \times \frac{3}{16}$ "  $\frac{1}{4} \times \frac{5}{16}$ "  $\frac{3}{8} \times \frac{7}{16}$ "  $\frac{1}{2} \times \frac{9}{16}$ "  $\frac{5}{8} \times \frac{3}{4}$ "  $\frac{7}{8} \times 1$ "

**TAPPET SPANNERS** Whit.  $\frac{1}{4} \times \frac{5}{16}$ "  $\frac{5}{16} \times \frac{1}{4}$ "  $\frac{3}{8} \times \frac{7}{16}$ "  $\frac{7}{16} \times \frac{3}{8}$ "

**KNOCK OFF NUT REMOVERS** Whit.  $\frac{3}{16}$ "  $\frac{1}{4}$ "  $\frac{5}{16}$ "  $\frac{3}{8}$ "  $\frac{7}{16}$ "  $\frac{1}{2}$ "  $\frac{9}{16}$ "  $\frac{5}{8}$ "  $\frac{3}{4}$ "  $\frac{7}{8}$ "

1 lb. Ball Pein Hammer    8" Combination Pliers    8" Bulldog Adjustable    10" Stillson Wrench  
10" Half Round File    8" Flat Smooth File    1 Centre Punch    1 Pin Drift    1 Cold Chisel

**STOCK No. TKU 897**

Steel Box Size, 19"  $\times$  11"  $\times$  10"



# KING DICK

## SERVICE KIT



**FOR ALL AMERICAN VEHICLES**  
including Tractors  
and British Models when fitted with A/F or Unified Hexagon Bolts and Nuts including Fords—  
Standards—Vauxhalls—Bedfords, etc.

### CONTENTS OF SET

**SOCKETS AMERICAN A/F.**  $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{19}{32}$ ",  $\frac{5}{8}$ ",  $\frac{11}{16}$ ",  $\frac{3}{4}$ ",  $\frac{25}{32}$ ",  $\frac{13}{8}$ ",  $\frac{7}{8}$ ",  $\frac{15}{8}$ ", 1",  $\frac{1}{2}$ " Sq. Drive.  
 $\frac{1}{16}$ ",  $\frac{1}{8}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{3}{4}$ " Sq. Drive.

**ACCESSORIES**  $\frac{1}{2}$ " Sq. Drive.

Reversible Ratchet   Jointed Nut Spinner   Universal Joint   Speeder Brace  
6" Extension Bar   12" Extension Bar    $\frac{1}{2}$ " Dia.  $\times$  12" T. Bar   Stud Extractor

$\frac{3}{4}$ " Sq. Drive.

Reversible Ratchet  
Sliding T. Bar  
8" Extension Bar

### DOUBLE OFFSET RING SPANNERS

AMERICAN A/F.  $\frac{5}{8}$ "  $\times$   $\frac{11}{16}$ ",  $\frac{3}{4}$ "  $\times$   $\frac{7}{8}$ ",  $\frac{25}{32}$ "  $\times$   $\frac{13}{16}$ ",  $\frac{15}{16}$ "  $\times$  1",  $1\frac{1}{16}$ "  $\times$   $1\frac{1}{8}$ ",  $1\frac{1}{16}$ "  $\times$   $1\frac{1}{4}$ "

### DOUBLE OPEN ENDED SPANNERS

AMERICAN A/F.  $\frac{5}{16}$ "  $\times$   $\frac{3}{8}$ ",  $\frac{7}{16}$ "  $\times$   $\frac{1}{2}$ ",  $\frac{9}{16}$ "  $\times$   $\frac{5}{8}$ ",  $\frac{19}{32}$ "  $\times$   $\frac{25}{32}$ ",  $\frac{11}{16}$ "  $\times$   $\frac{13}{16}$ ",  $\frac{3}{4}$ "  $\times$   $\frac{7}{8}$ ",  $\frac{15}{16}$ "  $\times$  1",  $1\frac{1}{16}$ "  $\times$   $1\frac{1}{8}$ ",  $1\frac{1}{8}$ "  $\times$   $1\frac{1}{4}$ "

**TAPPET SPANNERS** AMERICAN A/F.  $\frac{9}{16}$ "  $\times$   $\frac{9}{16}$ " 2 off.

**KNOCK OFF NUT REMOVERS** AMERICAN A/F.  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $\frac{11}{16}$ ",  $\frac{3}{4}$ ",  $\frac{7}{8}$ ",  $\frac{15}{16}$ ", 1",  $1\frac{1}{16}$ ",  $1\frac{1}{4}$ ",  $1\frac{7}{16}$ "

1 lb. Ball Pein Hammer   8" Combination Pliers   8" Bulldog Adjustable   10" Stillson Wrench  
10" Half Round File   8" Flat Smooth File   1 Centre Punch   1 Pin Drift   1 Cold Chisel

**STOCK No. TKU 898**  
Steel Box Size, 19"  $\times$  11"  $\times$  10"

## TRACTOR SERVICEMAN'S KIT

# KING DICK



ABINGDON KING DICK LIMITED · ABINGDON



Suitable for all makes of Tractors

### CONTENTS

**SOCKETS**  $\frac{1}{2}$ " Sq. Drive Whit.  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $\frac{11}{16}$ "  
 A/F.  $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $\frac{11}{16}$ ",  $\frac{3}{4}$ ",  $\frac{7}{8}$ ",  $\frac{15}{16}$ ",  $1"$   
 $\frac{3}{4}$ " Sq. Drive Whit.  $\frac{3}{4}$ ",  $\frac{13}{16}$ ",  $\frac{7}{8}$ ",  $\frac{15}{16}$ ",  $1"$   
 A/F.  $1\frac{1}{16}"$ ,  $1\frac{1}{8}"$ ,  $1\frac{1}{4}"$ ,  $1\frac{5}{16}"$ ,  $1\frac{1}{2}"$ ,  $1\frac{5}{8}"$ ,  $1\frac{11}{16}"$ ,  $1\frac{3}{4}"$ ,  $1\frac{7}{8}"$ ,  $2"$

**ACCESSORIES**  $\frac{1}{2}$ " Square Drive  $\frac{3}{4}$ " Square Drive  
 Reversible Ratchet Jointed Nut Spinner Reversible Ratchet  
 Universal Joint Speeder Brace Sliding T. Bar  
 6" Extension Bar 12" Extension Bar 8" Extension Bar  
 $\frac{1}{2}$ " Dia.  $\times$  12" T. Bar Stud Extractor

### DOUBLE OFFSET RING SPANNERS

Whit.  $\frac{1}{8}" \times \frac{3}{16}"$ ,  $\frac{1}{4}" \times \frac{5}{16}"$ ,  $\frac{3}{8}" \times \frac{7}{16}"$ ,  $\frac{1}{2}" \times \frac{9}{16}"$ ,  $\frac{5}{8}" \times \frac{3}{4}"$ ,  $\frac{7}{8}" \times 1"$   
 A/F.  $\frac{5}{8}" \times \frac{11}{16}"$ ,  $\frac{3}{4}" \times \frac{7}{8}"$ ,  $\frac{25}{32}" \times \frac{13}{16}"$ ,  $\frac{15}{16}" \times 1"$ ,  $1\frac{1}{16}" \times 1\frac{1}{8}"$ ,  $1\frac{1}{16}" \times 1\frac{1}{4}"$

### DOUBLE OPEN ENDED SPANNERS

Whit.  $\frac{1}{8}" \times \frac{3}{16}"$ ,  $\frac{1}{4}" \times \frac{5}{16}"$ ,  $\frac{3}{8}" \times \frac{7}{16}"$ ,  $\frac{1}{2}" \times \frac{9}{16}"$ ,  $\frac{5}{8}" \times \frac{3}{4}"$ ,  $\frac{7}{8}" \times 1"$   
 A/F.  $\frac{5}{8}" \times \frac{3}{4}"$ ,  $\frac{7}{8}" \times \frac{1}{2}"$ ,  $\frac{9}{16}" \times \frac{5}{8}"$ ,  $\frac{19}{32}" \times \frac{25}{32}"$ ,  $\frac{5}{8}" \times \frac{3}{4}"$ ,  $\frac{11}{16}" \times \frac{13}{16}"$ ,  $\frac{3}{4}" \times \frac{7}{8}"$   
 $\frac{15}{16}" \times 1"$ ,  $1\frac{1}{16}" \times 1\frac{1}{8}"$ ,  $1\frac{1}{8}" \times 1\frac{1}{4}"$ ,  $1\frac{3}{8}" \times 1\frac{1}{2}"$

**TAPPET SPANNERS** A/F.  $\frac{9}{16}" \times \frac{9}{16}"$  2 off.

### KNOCK OFF NUT REMOVERS

Whit.  $\frac{3}{16}"$ ,  $\frac{1}{4}"$ ,  $\frac{5}{16}"$ ,  $\frac{3}{8}"$ ,  $\frac{7}{16}"$ ,  $\frac{1}{2}"$ ,  $\frac{9}{16}"$ ,  $\frac{5}{8}"$ ,  $\frac{3}{4}"$ ,  $\frac{7}{8}"$   
 A/F.  $\frac{7}{16}"$ ,  $\frac{1}{2}"$ ,  $\frac{9}{16}"$ ,  $\frac{5}{8}"$ ,  $\frac{11}{16}"$ ,  $\frac{3}{4}"$ ,  $\frac{7}{8}"$ ,  $\frac{15}{16}"$ ,  $1"$ ,  $1\frac{1}{16}"$ ,  $1\frac{1}{4}"$ ,  $1\frac{7}{16}"$

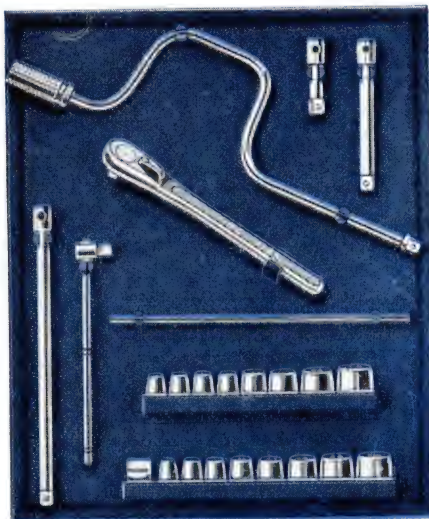
4" Screwdriver, Electrician's	8" Toolmaker's Dividers
8", 10" and 16" Screwdrivers	6" Firm Joint Calipers
7 $\frac{1}{2}$ " Diagonal Cutting Pliers	Breaker point File
5 $\frac{1}{2}$ " Snipe Nose Pliers	10" Half-round File
7 $\frac{1}{2}$ " Slip Joint Pliers	8" Flat smooth File
8" Combination Pliers	6" Pillar rough File
10" Stillson Pipe Grip	Chisel Knife
1 lb. and 2 lb. Ball Pein Hammers	Valve Grinding Tool
10" Scotch Shears	$\frac{1}{2}"$ and $1"$ Cold Chisels
Hacksaw, Pistol handle	2 Centre Punches
Blade Feeler Gauge	$\frac{3}{16}"$ , $\frac{1}{4}"$ , $\frac{3}{8}"$ , and $\frac{3}{4}"$ Pin Drifts

**STOCK No. TKU 870**

Size of Box, 22"  $\times$  13"  $\times$  12"

## WALL PANELS

# KING DICK



TKU 524

**TKU 524 WALL PANEL.**  
Comprises the following  $\frac{1}{2}$ " Sq. Drive Sockets and Accessories.

Reversible Ratchet, Sliding Tee Bar, Extension Bars, 3", 6" and 12", Speeder Brace, Draglink Adjuster and 12" Tommy Bar.

I Set Bi-Hex. Sockets

B.S.F.	$\frac{1}{4}$ "	$\frac{3}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Whit.	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "

I Set American A/F Bi-Hex Sockets.

$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "
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TKU 645

**TKU 645 WALL PANEL.**

Comprises the following  $\frac{1}{2}$ " Sq. Drive Sockets and Accessories.

Reversible Ratchet, Sliding Tee Bar, Extension Bars, 3", 6" and 12", Speeder Brace and Draglink Adjuster.

I Set Bi-Hex. Sockets	B.S.F.	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
	Whit.	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "

I Set American A/F Bi-Hex. Sockets	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "
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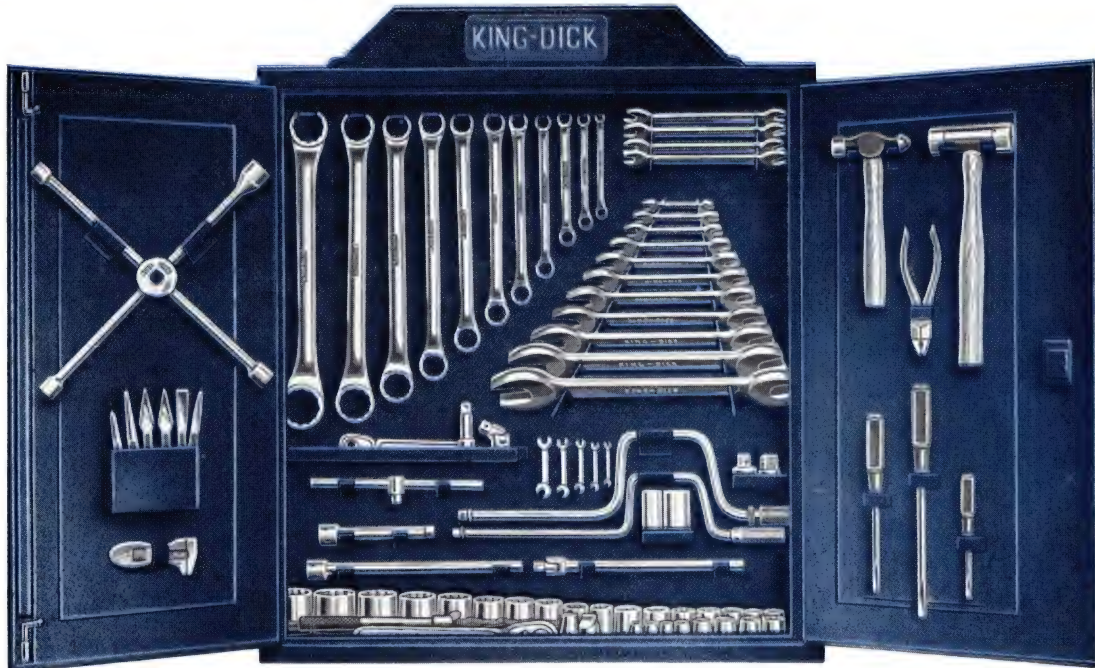
and also I Set of Double Open Ended Spanners :

B.S.F.	$\frac{3}{16}$ " x $\frac{1}{4}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{11}{16}$ "	$\frac{11}{16}$ " x $\frac{3}{4}$ "
Whit.	$\frac{7}{8}$ " x 1"	1" x $1\frac{1}{8}$ "	$\frac{3}{8}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{3}{4}$ "	$\frac{3}{4}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{3}{4}$ "	$\frac{3}{4}$ " x 1"

I Set of Double Offset Bi-Hex. Ring Spanners :

B.S.F.	$\frac{3}{16}$ " x $\frac{1}{4}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{11}{16}$ "	$\frac{11}{16}$ " x $\frac{3}{4}$ "
Whit.	$\frac{7}{8}$ " x 1"	1" x $1\frac{1}{8}$ "	$\frac{3}{8}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{3}{4}$ "	$\frac{3}{4}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{3}{4}$ "	$\frac{3}{4}$ " x 1"





Ransacking the workshop for missing tools is an exasperating ordeal, it frays your temper and wastes valuable time at the very moment when you are in a hurry to get on with the job. So park the whole of your Hand Tools in an Abingdon KING DICK Wall Cabinet. Keep every tool spick and span and ready at hand the instant you need it.

**ALL SOCKETS AND ACCESSORIES ARE  $\frac{1}{2}$ " AND  $\frac{3}{4}$ " SQUARE DRIVE.**

I Set Bi-Hex. Sockets	B.S.F. Whit.	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "
I Set A/F Sockets	...	...	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "
I Set Sparking Plug Sockets	14 m/m	18 m/m	.709 A/F		$\frac{7}{8}$ " A/F	$1\frac{1}{8}$ " A/F	$1\frac{1}{4}$ " A/F	$1\frac{3}{8}$ " A/F								
I Set Double Open Ended Spanners :																
B.S.F.	$\frac{7}{16}$ " $\times$ $\frac{1}{2}$ "	$\frac{1}{2}$ " $\times$ $\frac{3}{4}$ "	$\frac{3}{4}$ " $\times$ $\frac{1}{2}$ "	$\frac{3}{8}$ " $\times$ $\frac{3}{16}$ "	$\frac{7}{16}$ " $\times$ $\frac{1}{8}$ "	$\frac{1}{2}$ " $\times$ $\frac{1}{16}$ "	$\frac{9}{16}$ " $\times$ $\frac{8}{16}$ "	$\frac{5}{8}$ " $\times$ $\frac{8}{16}$ "	$\frac{3}{4}$ " $\times$ $\frac{11}{16}$ "	$\frac{7}{8}$ " $\times$ $\frac{7}{8}$ "	$\frac{15}{16}$ " $\times$ $\frac{7}{8}$ "	$\frac{1}{2}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{1}{4}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{1}{2}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{3}{4}$ " $\times$ $1\frac{1}{8}$ "	
WHIT.	$\frac{1}{8}$ " $\times$ $\frac{1}{8}$ "	$\frac{1}{4}$ " $\times$ $\frac{1}{4}$ "	$\frac{1}{4}$ " $\times$ $\frac{3}{8}$ "	$\frac{1}{8}$ " $\times$ $\frac{3}{16}$ "	$\frac{7}{16}$ " $\times$ $\frac{1}{16}$ "	$\frac{1}{16}$ " $\times$ $\frac{1}{16}$ "	$\frac{9}{16}$ " $\times$ $\frac{8}{16}$ "	$\frac{5}{8}$ " $\times$ $\frac{8}{16}$ "	$\frac{3}{4}$ " $\times$ $\frac{11}{16}$ "	$\frac{7}{8}$ " $\times$ $\frac{7}{8}$ "	$\frac{15}{16}$ " $\times$ $\frac{7}{8}$ "	$\frac{1}{2}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{1}{4}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{1}{2}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{3}{4}$ " $\times$ $1\frac{1}{8}$ "	
I Set Double Offset Bi-Hex. Ring Spanners :																
B.S.F.	$\frac{3}{16}$ " $\times$ $1\frac{1}{8}$ "	$\frac{1}{2}$ " $\times$ $\frac{3}{8}$ "	$\frac{5}{8}$ " $\times$ $\frac{3}{8}$ "	$\frac{3}{8}$ " $\times$ $\frac{7}{16}$ "	$\frac{7}{16}$ " $\times$ $\frac{1}{8}$ "	$\frac{1}{2}$ " $\times$ $\frac{9}{16}$ "	$\frac{9}{16}$ " $\times$ $\frac{5}{8}$ "	$\frac{5}{8}$ " $\times$ $\frac{11}{16}$ "	$\frac{3}{4}$ " $\times$ $\frac{7}{8}$ "	$\frac{7}{8}$ " $\times$ $\frac{15}{16}$ "	$1\frac{1}{8}$ " $\times$ $\frac{7}{8}$ "	$1\frac{1}{4}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{1}{2}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{3}{4}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{7}{8}$ " $\times$ $1\frac{1}{8}$ "	
WHIT.	$\frac{1}{8}$ " $\times$ $\frac{1}{8}$ "	$\frac{1}{4}$ " $\times$ $\frac{3}{8}$ "	$\frac{1}{4}$ " $\times$ $\frac{3}{8}$ "	$\frac{3}{16}$ " $\times$ $\frac{7}{16}$ "	$\frac{7}{16}$ " $\times$ $\frac{1}{8}$ "	$\frac{1}{2}$ " $\times$ $\frac{9}{16}$ "	$\frac{9}{16}$ " $\times$ $\frac{5}{8}$ "	$\frac{5}{8}$ " $\times$ $\frac{11}{16}$ "	$\frac{3}{4}$ " $\times$ $\frac{7}{8}$ "	$\frac{7}{8}$ " $\times$ $\frac{15}{16}$ "	$1\frac{1}{8}$ " $\times$ $\frac{7}{8}$ "	$1\frac{1}{4}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{1}{2}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{3}{4}$ " $\times$ $1\frac{1}{8}$ "	$1\frac{7}{8}$ " $\times$ $1\frac{1}{8}$ "	
I Set Tappet Spanners.	B.S.F.	$\frac{1}{4}$ " $\times$ $\frac{1}{16}$ "	$\frac{3}{8}$ " $\times$ $\frac{1}{16}$ "	$\frac{1}{2}$ " $\times$ $\frac{1}{16}$ "	$\frac{5}{8}$ " $\times$ $\frac{1}{16}$ "	$\frac{3}{4}$ " $\times$ $\frac{1}{16}$ "	$\frac{7}{8}$ " $\times$ $\frac{1}{16}$ "	$1\frac{1}{8}$ " $\times$ $\frac{1}{16}$ "	$1\frac{1}{4}$ " $\times$ $\frac{1}{16}$ "	$1\frac{1}{2}$ " $\times$ $\frac{1}{16}$ "	$1\frac{3}{4}$ " $\times$ $\frac{1}{16}$ "	$1\frac{7}{8}$ " $\times$ $\frac{1}{16}$ "	$1\frac{15}{16}$ " $\times$ $\frac{1}{16}$ "	$1\frac{1}{2}$ " $\times$ $\frac{1}{8}$ "	$1\frac{1}{2}$ " $\times$ $\frac{1}{8}$ "	
	WHIT.	$\frac{1}{4}$ " $\times$ $\frac{1}{16}$ "	$\frac{3}{8}$ " $\times$ $\frac{1}{16}$ "	$\frac{1}{2}$ " $\times$ $\frac{1}{16}$ "	$\frac{5}{8}$ " $\times$ $\frac{1}{16}$ "	$\frac{3}{4}$ " $\times$ $\frac{1}{16}$ "	$\frac{7}{8}$ " $\times$ $\frac{1}{16}$ "	$1\frac{1}{8}$ " $\times$ $\frac{1}{16}$ "	$1\frac{1}{4}$ " $\times$ $\frac{1}{16}$ "	$1\frac{1}{2}$ " $\times$ $\frac{1}{16}$ "	$1\frac{3}{4}$ " $\times$ $\frac{1}{16}$ "	$1\frac{7}{8}$ " $\times$ $\frac{1}{16}$ "	$1\frac{15}{16}$ " $\times$ $\frac{1}{16}$ "	$1\frac{1}{2}$ " $\times$		
I Set Ignition Spanners.	B.A. Sizes	0 $\times$ 1	1 $\times$ 0	2 $\times$ 3	3 $\times$ 2	4 $\times$ 5	5 $\times$ 4	6 $\times$ 7	7 $\times$ 6	8 $\times$ 9	9 $\times$ 8					
I Star Brace.	B.S.F.	$\frac{3}{16}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"					
I Reversible Ratchet.																
I Jointed Nut Spinner.																
I Sliding Tee Bar.																
3 Extension Bars, 3", 6" and 12"																
I Universal Joint (Plug and Socket)																

**TKU 760** Whit. or B.S.F.

**TKU 770** American A/F or Unified Hexagon

TKU 780 Metric

# Knock Off Nut Removers, Stud Removers and Half Moon Ring Spanners

# KING DICK



## KNOCK OFF NUT REMOVERS

### BRITISH SIZES

Stock No.	Nut Sizes		Width Across Flats
	B.S.F. and Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
SSW 203	$\frac{1}{16}$ "	$\frac{3}{16}$ "	.445
SSW 204	$\frac{3}{16}$ "	$\frac{1}{2}$ "	.525
SSW 205	$\frac{1}{4}$ "	$\frac{5}{8}$ "	.600
SSW 206	$\frac{7}{16}$ "	$\frac{3}{4}$ "	.710
SSW 207	$\frac{1}{2}$ "	$\frac{7}{8}$ "	.820
SSW 208	$\frac{9}{16}$ "	$\frac{15}{16}$ "	.920
SSW 209	$\frac{5}{8}$ "	$1\frac{1}{16}$ "	1.010
SSW 210	$\frac{11}{16}$ "	$1\frac{1}{8}$ "	1.100
SSW 212	$\frac{3}{4}$ "	$1\frac{3}{8}$ "	1.300
SSW 214	1"	$1\frac{5}{8}$ "	1.480

### AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes A/F	Width Across Flats
SSA 214	$\frac{7}{16}$ "	.437
SSA 216	$\frac{9}{16}$ "	.500
SSA 218	$\frac{5}{8}$ "	.562
SSA 220	$\frac{11}{16}$ "	.625
SSA 222	$\frac{3}{4}$ "	.687
SSA 224	$\frac{13}{16}$ "	.750
SSA 228	$\frac{7}{8}$ "	.875
SSA 230	$1\frac{1}{16}$ "	.937
SSA 232	$1\frac{1}{8}$ "	1.0
SSA 234	$1\frac{3}{16}$ "	1.062
SSA 236	$1\frac{1}{2}$ "	1.125
SSA 240	$1\frac{3}{4}$ "	1.250
SSA 242	$1\frac{5}{8}$ "	1.312
SSA 246	$1\frac{7}{8}$ "	1.437
SSA 248	$2\frac{1}{8}$ "	1.500



## STUD REMOVERS

Stock No.	Capacity	O/all length	Stock No.	Capacity	O/all length
SRS 408	$\frac{1}{4}$ "— $\frac{1}{2}$ " Dia.	9"	SRS 412	$\frac{1}{2}$ "— $\frac{3}{4}$ " Dia.	9"



## HALF MOON RING SPANNERS,

developed with the correct amount of curve to reach the manifold-exhaust flange and starter nuts.

### BRITISH SIZES

Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. and Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
HMW 203	$\frac{1}{16}$ " x $\frac{1}{16}$ "	$\frac{3}{16}$ " x $\frac{1}{2}$ "	.445 x .525	$6\frac{1}{2}$ "
HMW 204	$\frac{3}{16}$ " x $\frac{1}{8}$ "	$\frac{1}{2}$ " x $\frac{3}{8}$ "	.525 x .600	8"
HMW 206	$\frac{1}{2}$ " x $\frac{1}{2}$ "	$\frac{3}{4}$ " x $\frac{7}{8}$ "	.710 x .820	$10\frac{1}{2}$ "

### AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes A/F	Width Across Flats	Overall Length
HMA 214	$\frac{7}{16}$ " x $\frac{1}{16}$ "	.437 x .500	$6\frac{1}{2}$ "
HMA 218	$\frac{9}{16}$ " x $\frac{1}{8}$ "	.562 x .625	8"
HMA 224	$\frac{3}{4}$ " x $\frac{1}{4}$ "	.750 x .875	$10\frac{1}{2}$ "





Are specially designed to enable engineers to work easily and freely when dealing with nuts in close up or confined places.

Each unit is sturdy and short and subjected to our specialised heat treatment process. The varying lengths are scientifically regulated to prevent a too powerful leverage being applied, but the shank length of the entire series provides ample pressure power to securely tighten any nut.

### B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
DSW 202	$\frac{3}{16}'' \times \frac{1}{4}''$	$\frac{3}{8}'' \times \frac{3}{16}''$	.340 x .445	3 $\frac{1}{2}''$
DSW 203	$\frac{1}{4}'' \times \frac{1}{16}''$	$\frac{1}{2}'' \times \frac{1}{4}''$	.445 x .525	4 $\frac{1}{2}''$
DSW 204	$\frac{1}{8}'' \times \frac{3}{16}''$	$\frac{1}{4}'' \times \frac{1}{8}''$	.525 x .600	4 $\frac{3}{4}''$
DSW 205	$\frac{3}{16}'' \times \frac{7}{16}''$	$\frac{1}{2}'' \times \frac{3}{8}''$	.600 x .710	5 $\frac{1}{2}''$
DSW 206	$\frac{1}{16}'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{1}{2}''$	.710 x .820	6''
DSW 207	$\frac{1}{8}'' \times \frac{1}{16}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	.820 x .920	7''

### AMERICAN A/F & UNIFIED HEX.

Stock No.	Nut Sizes A/F	Width Across Flats	Overall Length
DSA 212	$\frac{3}{8}'' \times \frac{1}{16}''$	.375 x .437	3 $\frac{1}{2}''$
DSA 214	$\frac{7}{16}'' \times \frac{1}{8}''$	.437 x .500	4 $\frac{1}{2}''$
DSA 216	$\frac{1}{2}'' \times \frac{1}{16}''$	.500 x .562	4 $\frac{3}{4}''$
DSA 218	$\frac{9}{16}'' \times \frac{1}{8}''$	.562 x .625	4 $\frac{1}{2}''$
DSA 219	$\frac{5}{8}'' \times \frac{1}{16}''$	.593 x .687	5 $\frac{1}{2}''$
DSA 222	$\frac{11}{16}'' \times \frac{1}{8}''$	.687 x .812	6''
DSA 224	$\frac{3}{4}'' \times \frac{1}{8}''$	.750 x .875	7''

### RING SPANNER SETS

Set No.	Sizes of Spanners included in Set
TKR 132 TKR 152 TKR 162	Whit. and B.S.F. Sizes
	$\frac{3}{16}'' \times \frac{1}{4}''$ , $\frac{1}{4}'' \times \frac{1}{16}''$ , $\frac{1}{8}'' \times \frac{3}{16}''$ , B.S.F.
	$\frac{1}{16}'' \times \frac{1}{4}''$ , $\frac{1}{4}'' \times \frac{1}{16}''$ , $\frac{1}{2}'' \times \frac{1}{8}''$ , $\frac{3}{8}'' \times \frac{1}{16}''$ , B.S.F.
TKR 146 TKR 176	American A/F Sizes
	$\frac{3}{8}'' \times \frac{1}{16}''$ , $\frac{1}{2}'' \times \frac{1}{8}''$ , $\frac{1}{2}'' \times \frac{1}{16}''$ , $\frac{9}{16}'' \times \frac{1}{8}''$ , $\frac{5}{8}'' \times \frac{1}{16}''$ , $\frac{11}{16}'' \times \frac{1}{8}''$ , $\frac{11}{16}'' \times \frac{1}{16}''$ , $\frac{3}{4}'' \times \frac{1}{8}''$

# DOUBLE OFFSET RING SPANNERS

# KING DICK



## B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Stock No.	Nut Sizes		Width Across Flats
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192			B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
DDW 202	$\frac{1}{16}'' \times \frac{1}{4}''$	$\frac{1}{8}'' \times \frac{3}{16}''$	.337 × .445	DDW 2100	$\frac{11}{16}'' \times \frac{3}{4}''$	$\frac{5}{8}'' \times \frac{11}{16}''$	1.100 × 1.200
DDW 203	$\frac{1}{8}'' \times \frac{1}{8}''$	$\frac{3}{16}'' \times \frac{1}{4}''$	.445 × .525	DDW 210	$\frac{11}{16}'' \times \frac{3}{4}''$	$\frac{5}{8}'' \times \frac{3}{4}''$	1.100 × 1.300
DDW 204	$\frac{9}{16}'' \times \frac{3}{8}''$	$\frac{1}{2}'' \times \frac{1}{8}''$	.525 × .600	DDW 211	$\frac{3}{4}'' \times \frac{3}{4}''$	$\frac{11}{16}'' \times \frac{3}{4}''$	1.200 × 1.300
DDW 2045	$\frac{1}{16}'' \times \frac{7}{16}''$	$\frac{1}{4}'' \times \frac{3}{8}''$	.525 × .710	DDW 2113	$\frac{3}{4}'' \times \frac{11}{16}''$	$\frac{11}{16}'' \times \frac{11}{16}''$	1.200 × 1.390
DDW 205	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{7}{16}'' \times \frac{3}{8}''$	.600 × .710	DDW 212	$\frac{7}{8}'' \times 1''$	$\frac{3}{4}'' \times \frac{7}{8}''$	1.300 × 1.480
DDW 206	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{1}{2}''$	.710 × .820	DDW 214	$1'' \times 1\frac{1}{8}''$	$\frac{7}{8}'' \times 1''$	1.480 × 1.670
DDW 2067	$\frac{1}{16}'' \times \frac{9}{16}''$	$\frac{3}{8}'' \times \frac{1}{2}''$	.710 × .920	DDW 215	$— \times 1\frac{1}{8}''$	$\frac{11}{16}'' \times 1''$	1.580 × 1.670
DDW 207	$\frac{1}{8}'' \times \frac{9}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	.820 × .920	DDW 216	$1\frac{1}{8}'' \times 1\frac{1}{2}''$	$1'' \times 1\frac{1}{2}''$	1.670 × 1.860
DDW 208	$\frac{9}{16}'' \times \frac{5}{8}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	.920 × 1.010	DDW 218	$1\frac{1}{2}'' \times 1\frac{3}{4}''$	$1\frac{1}{8}'' \times 1\frac{3}{4}''$	1.860 × 2.050
DDW 2089	$\frac{1}{16}'' \times \frac{11}{16}''$	$\frac{1}{2}'' \times \frac{5}{8}''$	.920 × 1.100	DDW 220	$1\frac{3}{8}'' \times 1\frac{3}{4}''$	$1\frac{1}{2}'' \times 1\frac{3}{4}''$	2.050 × 2.220
DDW 209	$\frac{5}{8}'' \times \frac{11}{16}''$	$\frac{9}{16}'' \times \frac{5}{8}''$	1.010 × 1.100	DDW 222	$1\frac{3}{8}'' \times 1\frac{3}{4}''$	$1\frac{3}{8}'' \times 1\frac{3}{4}''$	2.220 × 2.410
DDW 2091	$\frac{5}{8}'' \times \frac{3}{4}''$	$\frac{9}{16}'' \times \frac{11}{16}''$	1.010 × 1.200	DDW 224	$1\frac{3}{8}'' \times 1\frac{3}{4}''$	$1\frac{1}{2}'' \times 1\frac{3}{4}''$	2.410 × 2.580

## AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes A/F	S.A.E. Sizes	Unified Hex.	Width Across Flats	Stock No.	Nut Sizes A/F	S.A.E. Sizes	Unified Hex.	Width Across Flats
DDA 210	$\frac{1}{16}'' \times \frac{3}{8}''$	$— \times \frac{1}{4}''$	$— \times \frac{1}{4}''$ F	.312 × .375	DDA 2284	$\frac{3}{8}'' \times 1\frac{1}{16}''$	$\frac{1}{16}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{5}{8}''$ C	.875 × 1.062
DDA 212	$\frac{3}{8}'' \times \frac{7}{16}''$			.375 × .437	DDA 230	$\frac{11}{16}'' \times 1''$			.937 × 1.0
DDA 214	$\frac{7}{16}'' \times \frac{1}{2}''$			.437 × .500	DDA 2306	$\frac{11}{16}'' \times 1\frac{1}{8}''$			.937 × 1.125
DDA 216	$\frac{1}{2}'' \times \frac{9}{16}''$			.500 × .562	DDA 234	$1\frac{1}{16}'' \times 1\frac{1}{8}''$			1.062 × 1.125
DDA 218	$\frac{5}{8}'' \times \frac{3}{4}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{1}{2}''$ F	.562 × .625	DDA 236	$1\frac{1}{16}'' \times 1\frac{1}{4}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{5}{8}'' \times \frac{3}{4}''$ C	1.062 × 1.250
DDA 2182	$\frac{1}{16}'' \times \frac{11}{16}''$			.562 × .687	DDA 240	$1\frac{1}{4}'' \times 1\frac{1}{16}''$			1.250 × 1.437
DDA 219	$\frac{11}{16}'' \times \frac{11}{16}''$			.593 × .687	DDA 242	$1\frac{1}{8}'' \times 1\frac{1}{2}''$			1.312 × 1.500
DDA 220	$\frac{9}{16}'' \times \frac{11}{16}''$			.625 × .687	DDA 2462	$1\frac{7}{16}'' \times 1\frac{1}{8}''$	$1'' \times 1\frac{1}{8}''$	$\frac{7}{8}'' \times 1''$ C	1.437 × 1.625
DDA 2206	$\frac{5}{8}'' \times \frac{11}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{7}{16}'' \times \frac{1}{2}''$ F	.625 × .812	DDA 248	$1\frac{1}{2}'' \times 1\frac{1}{8}''$			1.500 × 1.625
DDA 221	$\frac{5}{8}'' \times \frac{3}{4}''$			.625 × .750	DDA 252	$1\frac{5}{8}'' \times 1\frac{1}{4}''$			1.625 × 1.812
DDA 222	$\frac{11}{16}'' \times \frac{11}{16}''$			.687 × .812	DDA 254	$1\frac{11}{16}'' \times 1\frac{1}{8}''$			1.687 × 1.812
DDA 2224	$\frac{11}{16}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{1}{2}'' \times \frac{9}{16}''$ F	.687 × .750	DDA 255	$1\frac{11}{16}'' \times 1\frac{1}{8}''$	$1\frac{1}{8}'' \times 1\frac{1}{2}''$	$1\frac{1}{2}'' \times 1\frac{1}{2}''$ C	1.687 × 1.875
DDA 224	$\frac{3}{4}'' \times \frac{5}{8}''$			.750 × .875	DDA 264	$2'' \times 2\frac{1}{8}''$			2.0 × 2.187
DDA 225	$\frac{33}{16}'' \times \frac{11}{16}''$			.781 × .812	DDA 270	$2\frac{3}{8}'' \times 2\frac{3}{8}''$			2.187 × 2.375
DDA 226	$\frac{11}{16}'' \times \frac{3}{4}''$			.812 × .875	DDA 276	$2\frac{3}{8}'' \times 2\frac{3}{8}''$			2.375 × 2.562
DDA 228	$\frac{7}{8}'' \times 1''$			.875 × 1.0					



### METRIC

Stock No.	Nut Sizes A/F	Width Across Flats	Stock No.	Nut Sizes A/F	Width Across Flats
<b>DDM 208</b>	8 m/m × 9 m/m	.315 × .354	<b>DDM 2202</b>	20 m/m × 22 m/m	.787 × .865
<b>DDM 210</b>	10 m/m × 11 m/m	.394 × .433	<b>DDM 2213</b>	21 m/m × 23 m/m	.827 × .906
<b>DDM 212</b>	12 m/m × 13 m/m	.472 × .512	<b>DDM 2246</b>	24 m/m × 26 m/m	.945 × 1.024
<b>DDM 214</b>	14 m/m × 15 m/m	.551 × .590	<b>DDM 2257</b>	25 m/m × 27 m/m	.985 × 1.063
<b>DDM 216</b>	16 m/m × 17 m/m	.630 × .669	<b>DDM 2280</b>	28 m/m × 30 m/m	1.102 × 1.181
<b>DDM 218</b>	18 m/m × 19 m/m	.708 × .748	<b>DDM 2292</b>	29 m/m × 32 m/m	1.142 × 1.260

TKR 273



TKR 272



### DOUBLE OFFSET RING SPANNER SETS. (Packed in Cardboard Cartons.)

Set No.	Sizes of Spanners included in Set							
<b>TKR 232</b> <b>TKR 272</b>	Whit. and B.S.F. Sizes							
	$\frac{3}{16}'' \times \frac{1}{4}''$	$\frac{5}{16}'' \times \frac{3}{8}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{5}{8}''$	$\frac{3}{4}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{5}{8}''$	$\frac{3}{8}'' \times \frac{7}{16}''$	Whit.
	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{5}{16}''$	$\frac{1}{2}'' \times \frac{3}{8}''$	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{3}{8}''$	B.S.F.
<b>TKR 237</b> <b>TKR 357</b>	Unified Hex. A/F Sizes							
	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{9}{16}'' \times \frac{11}{16}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	Whit.
	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{9}{16}'' \times \frac{11}{16}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	B.S.F.
<b>TKR 236</b> <b>TKR 257</b> <b>TKR 266</b>	American A/F Sizes							
	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{5}{8}'' \times \frac{11}{16}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	Whit.
	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{9}{16}'' \times \frac{11}{16}''$	$\frac{5}{8}'' \times \frac{11}{16}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	B.S.F.
<b>TKR 247</b> <b>TKR 248</b> <b>TKR 268</b> <b>TKR 278</b> <b>TKR 2178</b>	Continental Metric Sizes A/F							
	8 × 9	10 × 11	12 × 13	14 × 15	16 × 17	18 × 19	20 × 22	21 × 23
	10 × 11	12 × 13	14 × 15	16 × 17	18 × 19	20 × 22	21 × 23	22 × 24
	12 × 13	14 × 15	16 × 17	18 × 19	20 × 22	21 × 23	22 × 24	23 × 25
	14 × 15	16 × 17	18 × 19	20 × 22	21 × 23	22 × 24	23 × 25	24 × 26
	16 × 17	18 × 19	20 × 22	21 × 23	22 × 24	23 × 25	24 × 26	25 × 27

### DOUBLE OFFSET RING SPANNER SETS. (In Metal Boxes.)

Set No.	Sizes of Spanners included in Set							
<b>TKR 262</b>	Whit. and B.S.F. Sizes							
	$\frac{3}{16}'' \times \frac{1}{4}''$	$\frac{1}{2}'' \times \frac{5}{8}''$	$\frac{5}{8}'' \times \frac{3}{4}''$	$\frac{3}{4}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{5}{8}''$	$\frac{5}{8}'' \times \frac{3}{4}''$	$\frac{3}{4}'' \times \frac{1}{2}''$	Whit.
	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{5}{16}''$	$\frac{1}{2}'' \times \frac{3}{8}''$	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	B.S.F.
<b>TKR 267</b>	American A/F and Unified Hex.							
	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{9}{16}'' \times \frac{11}{16}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	Whit.
	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{9}{16}'' \times \frac{11}{16}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{15}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	B.S.F.

# 85° Double Open Ended Obstruction Spanners

# KING DICK



King Dick 85° Open Ended Spanners are specially designed for work where it is impossible to use the standard 15° type.

They are particularly suitable for manifold-carburettor and brake adjustments.

Chrome Vanadium material is used and then our usual Heat Treatment is applied, followed by polished Chrome Plating.

An engineer's kit is not complete without a set of these tools.

## B.S.F. and WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
OEW 202	$\frac{1}{16}'' \times \frac{1}{8}''$	$\frac{1}{16}'' \times \frac{1}{16}''$	.340 x .445	4 $\frac{3}{4}''$
OEW 203	$\frac{1}{16}'' \times \frac{1}{16}''$	$\frac{1}{16}'' \times \frac{1}{8}''$	.445 x .525	5 $\frac{1}{2}''$
OEW 204	$\frac{1}{16}'' \times \frac{3}{16}''$	$\frac{1}{16}'' \times \frac{1}{16}''$	.525 x .600	6 $\frac{1}{8}''$
OEW 205	$\frac{1}{16}'' \times \frac{1}{8}''$	$\frac{1}{16}'' \times \frac{3}{16}''$	.600 x .710	7 $\frac{1}{2}''$
OEW 206	$\frac{1}{16}'' \times \frac{1}{8}''$	$\frac{1}{16}'' \times \frac{1}{16}''$	.710 x .820	8 $\frac{1}{2}''$
OEW 207	$\frac{1}{16}'' \times \frac{1}{8}''$	$\frac{1}{16}'' \times \frac{1}{8}''$	.820 x .920	9 $\frac{1}{2}''$
OEW 208	$\frac{1}{16}'' \times \frac{1}{8}''$	$\frac{1}{16}'' \times \frac{1}{8}''$	.920 x 1.010	10 $\frac{1}{2}''$

## AMERICAN A/F and UNIFIED HEX.

Stock No.	Nut Sizes A/F	S.A.E. Sizes	Unified Hex.	Width Across Flats	Overall Length
OEA 212	$\frac{3}{8}'' \times \frac{7}{16}''$	$1'' \times \frac{1}{4}''$	$1'' \times \frac{1}{4}''$ F	.375 x .437	4 $\frac{3}{4}''$
OEA 214	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{4}'' \times \frac{1}{16}''$	$\frac{1}{4}'' \times \frac{1}{16}''$ F	.437 x .500	5 $\frac{1}{2}''$
OEA 215	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{5}{16}'' \times \frac{3}{8}''$	$\frac{5}{16}'' \times \frac{3}{8}''$ F	.500 x .562	6 $\frac{1}{8}''$
OEA 216	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{5}{16}'' \times \frac{1}{16}''$		.500 x .625	6 $\frac{1}{8}''$
OEA 218	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{7}{8}'' \times \frac{1}{8}''$		.562 x .625	6 $\frac{1}{8}''$
OEA 220	$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{7}{8}'' \times \frac{1}{8}''$		.625 x .750	7 $\frac{1}{2}''$
OEA 222	$\frac{3}{4}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{7}{16}'' \times \frac{3}{8}''$ F	.687 x .750	8 $\frac{1}{2}''$
OEA 224	$\frac{3}{4}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{16}''$	$\frac{9}{16}'' \times \frac{1}{16}''$ F	.750 x .875	8 $\frac{1}{2}''$
OEA 228	$\frac{3}{4}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{8}''$	$\frac{9}{16}'' \times \frac{3}{8}''$ F	.875 x .937	9 $\frac{1}{2}''$
OEA 230	$\frac{1}{2}'' \times 1''$			.937 x 1.0	10 $\frac{1}{2}''$

## SETS

Stock No.	List of Spanners included in Sets.				
TKE 242	$\frac{3}{16}'' \times \frac{1}{4}''$	$\frac{1}{16}'' \times \frac{3}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{9}{16}'' \times \frac{5}{8}''$ B.S.F.	$\frac{7}{16}'' \times \frac{1}{2}''$ B.S.F.
TKE 352	$\frac{1}{16}'' \times \frac{1}{8}''$	$\frac{1}{4}'' \times \frac{5}{16}''$	$\frac{1}{2}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{1}{2}''$ A/F.	
TKE 246	$\frac{1}{16}'' \times \frac{1}{8}''$	$\frac{1}{4}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{3}{4}''$	$\frac{9}{16}'' \times \frac{5}{8}''$ A/F.	
TKE 356	$\frac{1}{16}'' \times \frac{1}{8}''$				



# KING DICK

## CARBON STEEL D.O.E. SPANNERS



### B.S.F. and Whitworth

Stock No.	NUT SIZES		Width Across Flats	Overall Length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
OCW 202	$\frac{3}{16}$ " x $\frac{1}{4}$ "	$\frac{1}{8}$ " x $\frac{3}{16}$ "	.340 x .445	3 $\frac{3}{4}$ "
OCW 203	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{3}{16}$ " x $\frac{1}{2}$ "	.445 x .525	4 $\frac{1}{4}$ "
OCW 204	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{1}{2}$ " x $\frac{5}{8}$ "	.525 x .600	5 $\frac{1}{4}$ "
OCW 205	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$\frac{5}{8}$ " x $\frac{3}{4}$ "	.600 x .710	6 $\frac{3}{4}$ "
OCW 206	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{3}{4}$ " x $\frac{7}{8}$ "	.710 x .820	7 $\frac{3}{4}$ "
OCW 207	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{7}{8}$ " x $1$ "	.820 x .920	8 $\frac{3}{4}$ "
OCW 208	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$1$ " x $1\frac{1}{8}$ "	.920 x 1.010	9 $\frac{3}{4}$ "
OCW 2089	$\frac{5}{8}$ " x $\frac{11}{16}$ "	$1\frac{1}{8}$ " x $1\frac{1}{4}$ "	.920 x 1.100	9 $\frac{3}{4}$ "
OCW 209	$\frac{11}{16}$ " x $\frac{3}{4}$ "	$1\frac{1}{4}$ " x $1\frac{3}{8}$ "	1.010 x 1.100	11 $\frac{1}{4}$ "
OCW 2091	$\frac{3}{4}$ " x $\frac{13}{16}$ "	$1\frac{3}{8}$ " x $1\frac{1}{2}$ "	1.010 x 1.200	11 $\frac{1}{4}$ "
OCW 210	$\frac{13}{16}$ " x $\frac{7}{8}$ "	$1\frac{1}{2}$ " x $1\frac{3}{4}$ "	1.100 x 1.200	11 $\frac{1}{4}$ "
OCW 2101	$\frac{7}{8}$ " x $1$ "	$1\frac{3}{4}$ " x $1\frac{7}{8}$ "	1.100 x 1.300	11 $\frac{1}{4}$ "
OCW 2111	$1$ " x $1\frac{1}{8}$ "	$1\frac{7}{8}$ " x $2$ "	1.200 x 1.300	11 $\frac{1}{4}$ "
OCW 212	$1\frac{1}{8}$ " x $1\frac{1}{4}$ "	$2$ " x $2\frac{1}{8}$ "	1.300 x 1.480	12 $\frac{3}{4}$ "
OCW 213	$1\frac{1}{4}$ " x $1\frac{3}{8}$ "	$2\frac{1}{8}$ " x $2\frac{3}{8}$ "	1.390 x 1.580	14 $\frac{1}{4}$ "
OCW 214	$1\frac{3}{8}$ " x $1\frac{1}{2}$ "	$2\frac{3}{8}$ " x $2\frac{7}{8}$ "	1.480 x 1.670	14 $\frac{1}{4}$ "

### American A/F and Unified Hex.

Stock No.	Nut Sizes A/F	S.A.E. Sizes	Unified Hex.	Width Across Flats	Overall Length
OCA 208	$\frac{1}{4}$ " x $\frac{1}{16}$ "			.250 x .312	3 $\frac{1}{4}$ "
OCA 210	$\frac{5}{16}$ " x $\frac{3}{16}$ "			.312 x .375	3 $\frac{1}{4}$ "
OCA 212	$\frac{3}{8}$ " x $\frac{1}{8}$ "			.375 x .437	3 $\frac{1}{4}$ "
OCA 214	$\frac{7}{16}$ " x $\frac{3}{16}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{1}{16}$ " x $\frac{5}{16}$ " F	.437 x .500	4 $\frac{1}{4}$ "
OCA 216	$\frac{9}{16}$ " x $\frac{1}{8}$ "	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{3}{16}$ " x $\frac{3}{8}$ " F	.500 x .562	5 $\frac{1}{4}$ "
OCA 218	$\frac{1}{2}$ " x $\frac{1}{8}$ "	$\frac{3}{8}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{1}{2}$ " F	.562 x .625	5 $\frac{1}{4}$ "
OCA 2182	$\frac{19}{32}$ " x $\frac{11}{32}$ "			.562 x .687	6 $\frac{1}{4}$ "
OCA 219	$\frac{11}{16}$ " x $\frac{5}{16}$ "			.593 x .781	6 $\frac{1}{4}$ "
OCA 220	$\frac{13}{16}$ " x $\frac{3}{8}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "		.625 x .750	6 $\frac{1}{4}$ "
OCA 2206	$\frac{15}{16}$ " x $\frac{1}{2}$ "			.625 x .812	7 $\frac{1}{4}$ "
OCA 2224	$1$ " x $\frac{1}{2}$ "		$\frac{1}{16}$ " x $\frac{1}{2}$ " F	.687 x .750	7 $\frac{1}{4}$ "
OCA 224	$\frac{13}{16}$ " x $\frac{3}{8}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{3}{16}$ " x $\frac{9}{16}$ " F	.750 x .875	8 $\frac{1}{4}$ "
OCA 2284	$\frac{7}{8}$ " x $1$ "	$\frac{9}{16}$ " x $\frac{1}{2}$ "	$\frac{1}{8}$ " x $\frac{1}{2}$ " C	.875 x 1.062	9 $\frac{1}{4}$ "
OCA 230	$\frac{15}{16}$ " x $\frac{7}{8}$ "	$1$ " x $\frac{1}{2}$ "	$\frac{1}{8}$ " x $\frac{1}{2}$ " C	.937 x 1.0	9 $\frac{1}{4}$ "
OCA 2306	$1\frac{1}{16}$ " x $1\frac{1}{8}$ "		$\frac{1}{8}$ " x $1\frac{1}{8}$ " C	.937 x 1.125	9 $\frac{1}{4}$ "
OCA 2340	$1\frac{1}{8}$ " x $1\frac{1}{4}$ "	$1\frac{1}{8}$ " x $1\frac{1}{2}$ "	$1\frac{1}{8}$ " x $1\frac{1}{2}$ " C	1.062 x 1.250	11 $\frac{1}{4}$ "
OCA 240	$1\frac{1}{4}$ " x $1\frac{3}{8}$ "	$1\frac{1}{2}$ " x $1\frac{7}{8}$ "	$1\frac{1}{4}$ " x $1\frac{7}{8}$ " C	1.250 x 1.437	12 $\frac{1}{4}$ "
OCA 242	$1\frac{3}{8}$ " x $1\frac{1}{2}$ "	$1\frac{7}{8}$ " x $2$ "	$1\frac{3}{8}$ " x $2$ " F	1.312 x 1.500	12 $\frac{1}{4}$ "

### Sets

Stock No.	List of Spanners included in Sets.									
TKO 462	$\frac{3}{16}$ " x $\frac{1}{4}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{11}{16}$ "	B.S.F.	B.S.F.
TKO 472	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{11}{16}$ "	$\frac{11}{16}$ " x $\frac{3}{4}$ "	A/F.	A/F.
TKO 467	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{11}{16}$ "	$\frac{11}{16}$ " x $\frac{3}{4}$ "	$\frac{3}{4}$ " x $1$ "	A/F.	A/F.
TKO 477	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{11}{16}$ "	$\frac{11}{16}$ " x $\frac{3}{4}$ "	$\frac{3}{4}$ " x $1$ "	$1$ " x $1\frac{1}{8}$ "	A/F.	A/F.
TKO 466	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{11}{16}$ "	$\frac{11}{16}$ " x $\frac{3}{4}$ "	$\frac{3}{4}$ " x $1$ "	$1$ " x $1\frac{1}{8}$ "	$1\frac{1}{8}$ " x $1\frac{1}{4}$ "	A/F.	A/F.
TKO 476	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{5}{8}$ " x $\frac{11}{16}$ "	$\frac{11}{16}$ " x $\frac{3}{4}$ "	$\frac{3}{4}$ " x $1$ "	$1$ " x $1\frac{1}{8}$ "	$1\frac{1}{8}$ " x $1\frac{1}{4}$ "	$1\frac{1}{4}$ " x $1\frac{1}{2}$ "	$1\frac{1}{2}$ " x $1\frac{3}{4}$ "	A/F.	A/F.

# DOUBLE OPEN ENDED SPANNERS

# KING DICK



## B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Stock No.	Nut Sizes		Width Across Flats
	B.S.F. & B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192			B.S.F. & B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
ODW 202	$\frac{3}{16} \times \frac{1}{4}$	$\frac{1}{8} \times \frac{3}{16}$	.340 x .445	ODW 210	$\frac{11}{16} \times \frac{3}{4}$	$\frac{5}{8} \times \frac{11}{16}$	1.100 x 1.200
ODW 203	$\frac{1}{4} \times \frac{5}{16}$	$\frac{3}{16} \times \frac{1}{2}$	.445 x .525	ODW 2101	$\frac{11}{16} \times \frac{3}{4}$	$\frac{5}{8} \times \frac{11}{16}$	1.100 x 1.300
ODW 204	$\frac{5}{16} \times \frac{3}{8}$	$\frac{1}{4} \times \frac{5}{16}$	.525 x .600	ODW 2111	$\frac{3}{4} \times \frac{3}{4}$	$\frac{11}{16} \times \frac{3}{4}$	1.200 x 1.300
ODW 2045	$\frac{5}{16} \times \frac{7}{16}$	$\frac{1}{4} \times \frac{3}{8}$	.525 x .710	ODW 2113	$\frac{3}{4} \times \frac{11}{16}$	$\frac{11}{16} \times \frac{11}{16}$	1.200 x 1.390
ODW 205	$\frac{3}{8} \times \frac{7}{16}$	$\frac{3}{8} \times \frac{3}{8}$	.600 x .710	ODW 212	$\frac{7}{8} \times 1$	$\frac{3}{4} \times \frac{3}{4}$	1.300 x 1.480
ODW 206	$\frac{7}{16} \times \frac{1}{2}$	$\frac{3}{8} \times \frac{7}{16}$	.710 x .820	ODW 214	$1 \times 1\frac{1}{8}$	$\frac{7}{8} \times 1$	1.480 x 1.670
ODW 2067	$\frac{7}{16} \times \frac{9}{16}$	$\frac{3}{8} \times \frac{1}{2}$	.710 x .920	ODW 215	$— \times 1\frac{1}{8}$	$\frac{11}{16} \times 1$	1.580 x 1.670
ODW 207	$\frac{1}{2} \times \frac{9}{16}$	$\frac{7}{16} \times \frac{1}{2}$	.820 x .920	ODW 216	$1\frac{1}{8} \times 1\frac{1}{8}$	$1 \times 1\frac{1}{8}$	1.670 x 1.860
ODW 2078	$\frac{1}{2} \times \frac{5}{8}$	$\frac{7}{16} \times \frac{9}{16}$	.820 x 1.010	ODW 218	$1\frac{1}{8} \times 1\frac{1}{8}$	$1\frac{1}{8} \times 1\frac{1}{8}$	1.860 x 2.050
ODW 208	$\frac{9}{16} \times \frac{5}{8}$	$\frac{1}{2} \times \frac{9}{16}$	.920 x 1.010	ODW 220	$1\frac{3}{8} \times 1\frac{1}{2}$	$1\frac{1}{4} \times 1\frac{1}{8}$	2.050 x 2.220
ODW 2089	$\frac{9}{16} \times \frac{11}{16}$	$\frac{1}{2} \times \frac{5}{8}$	.920 x 1.100	ODW 222	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{3}{8} \times 1\frac{1}{8}$	2.220 x 2.410
ODW 209	$\frac{5}{8} \times \frac{11}{16}$	$\frac{9}{16} \times \frac{5}{8}$	1.010 x 1.100	ODW 226	$1\frac{3}{4} \times 2\frac{1}{8}$	$1\frac{3}{8} \times 1\frac{1}{4}$	2.580 x 3.020
ODW 2091	$\frac{5}{8} \times \frac{3}{4}$	$\frac{9}{16} \times \frac{11}{16}$	1.010 x 1.200	ODW 2282	$2 \times 2\frac{1}{4}$	$1\frac{3}{4} \times 2$	2.760 x 3.150



### AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes A/F	S.A.E. Sizes	Unified Hex.	Width Across Flats	Stock No.	Nut Sizes A/F	S.A.E. Sizes	Unified Hex.	Width Across Flats
ODA 208	$\frac{1}{8}'' \times \frac{1}{8}''$			.250 × .312	ODA 2306	$\frac{11}{16}'' \times 1\frac{1}{8}''$	$\frac{3}{8}'' \times \text{—}$	$\frac{5}{8}'' \times \frac{3}{4}''$ F	.937 × 1.125
ODA 210	$\frac{9}{16}'' \times \frac{3}{8}''$			.312 × .375	ODA 234	$1\frac{1}{16}'' \times 1\frac{1}{8}''$		$\frac{5}{8}'' \times \frac{3}{4}''$ C	1.062 × 1.125
ODA 212	$\frac{3}{8}'' \times \frac{3}{16}''$			.375 × .437	ODA 2340	$1\frac{1}{16}'' \times 1\frac{1}{4}''$	$\frac{3}{4}'' \times \frac{7}{8}''$		1.062 × 1.250
ODA 214	$\frac{1}{4}'' \times \frac{3}{16}''$	$\frac{1}{4}'' \times \frac{5}{16}''$	$\frac{1}{4}'' \times \frac{5}{16}''$ F	.437 × .500	ODA 236	$1\frac{1}{8}'' \times 1\frac{1}{4}''$			1.125 × 1.250
ODA 216	$\frac{1}{2}'' \times \frac{1}{8}''$	$\frac{1}{16}'' \times \frac{3}{8}''$	$\frac{5}{16}'' \times \frac{3}{8}''$ F	.500 × .562	ODA 2362	$1\frac{1}{8}'' \times 1\frac{1}{16}''$		$\frac{3}{4}'' \times \frac{7}{8}''$ F	1.125 × 1.312
ODA 218	$\frac{9}{16}'' \times \frac{5}{8}''$	$\frac{3}{8}'' \times \frac{7}{16}''$		.562 × .625	ODA 240	$1\frac{1}{4}'' \times 1\frac{1}{16}''$	$\frac{7}{8}'' \times 1''$	$\frac{3}{4}'' \times \frac{7}{8}''$ F	1.250 × 1.437
ODA 2182	$\frac{1}{2}'' \times \frac{11}{16}''$		$\frac{5}{8}'' \times \frac{7}{16}''$ F	.562 × .687	ODA 242	$1\frac{1}{16}'' \times 1\frac{1}{8}''$		$\frac{7}{8}'' \times 1''$ F	1.312 × 1.500
ODA 219	$\frac{11}{16}'' \times \frac{3}{4}''$			.593 × .781	ODA 245	$1\frac{1}{8}'' \times 1\frac{1}{2}''$			1.375 × 1.500
ODA 2201	$\frac{5}{8}'' \times \frac{11}{16}''$			.625 × .687	ODA 2462	$1\frac{7}{16}'' \times 1\frac{1}{8}''$	$1'' \times 1\frac{1}{4}''$	$\frac{7}{8}'' \times 1''$ C	1.437 × 1.625
ODA 220	$\frac{5}{8}'' \times \frac{3}{4}''$	$\frac{7}{16}'' \times \frac{3}{4}''$		.625 × .750	ODA 252	$1\frac{1}{8}'' \times 1\frac{1}{16}''$	$1\frac{1}{8}'' \times 1\frac{1}{4}''$	$1'' \times 1\frac{1}{8}''$ C	1.625 × 1.812
ODA 2206	$\frac{5}{8}'' \times \frac{13}{16}''$			.625 × .812	ODA 255	$1\frac{1}{8}'' \times 1\frac{1}{4}''$			1.687 × 1.875
ODA 2224	$\frac{11}{16}'' \times \frac{3}{4}''$		$\frac{7}{16}'' \times \frac{1}{2}''$ F	.687 × .750	ODA 258	$1\frac{1}{8}'' \times 2''$	$1\frac{1}{4}'' \times 1\frac{3}{8}''$	$1\frac{1}{8}'' \times 1\frac{1}{4}''$ C	1.812 × 2.0
ODA 222	$\frac{11}{16}'' \times \frac{13}{16}''$			.687 × .812	ODA 2706	$2\frac{1}{16}'' \times 2\frac{1}{8}''$		$1\frac{3}{8}'' \times 1\frac{1}{2}''$ C	2.187 × 2.375
ODA 224	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{1}{2}'' \times \frac{9}{16}''$ F	.750 × .875	ODA 276	$2\frac{1}{8}'' \times 2\frac{1}{16}''$			2.375 × 2.562
ODA 226	$\frac{11}{16}'' \times \frac{7}{8}''$			.812 × .875	ODA 2824	$2\frac{1}{8}'' \times 2\frac{1}{8}''$			2.562 × 2.937
ODA 228	$\frac{7}{8}'' \times 1''$			.875 × 1.0	ODA 2846	$2\frac{1}{8}'' \times 3''$			2.625 × 3.0
ODA 2284	$\frac{7}{8}'' \times 1\frac{1}{16}''$	$\frac{9}{8}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{9}{8}''$ C	.875 × 1.062	ODA 2889	$2\frac{3}{8}'' \times 3\frac{1}{4}''$		$1\frac{3}{4}'' \times 2''$ C	2.750 × 3.125
ODA 230	$\frac{1}{2}'' \times 1''$	$\frac{5}{8}'' \times \text{—}$		.937 × 1.0	ODA 2906	$2\frac{1}{8}'' \times 3''$			2.812 × 3.0

### METRIC

Stock No.	Nut Sizes A/F	Width Across Flats	Stock No.	Nut Sizes A/F	Width Across Flats
ODM 208	8 m/m × 9 m/m	.315 × .354	ODM 2202	20 m/m × 22 m/m	.787 × .866
ODM 210	10 m/m × 11 m/m	.394 × .433	ODM 2213	21 m/m × 23 m/m	.827 × .906
ODM 212	12 m/m × 13 m/m	.472 × .512	ODM 2246	24 m/m × 26 m/m	.945 × 1.024
ODM 214	14 m/m × 15 m/m	.551 × .590	ODM 2257	25 m/m × 27 m/m	.985 × 1.063
ODM 216	16 m/m × 17 m/m	.630 × .669	ODM 2280	28 m/m × 30 m/m	1.102 × 1.181
ODM 218	18 m/m × 19 m/m	.708 × .748	ODM 2292	29 m/m × 32 m/m	1.142 × 1.260

### DOUBLE OPEN ENDED SPANNER SETS (Packed in Metal Clips)

Set No.	Sizes of Spanners included in Set							
	Whit. and B.S.F. Sizes							
TKO 262	$\frac{3}{16}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{5}{16}''$	$\frac{5}{16}'' \times \frac{3}{8}''$	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$ B.S.F.		
	$\frac{1}{4}'' \times \frac{1}{16}''$	$\frac{1}{16}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{16}''$	$\frac{1}{16}'' \times \frac{3}{8}''$	$\frac{3}{8}'' \times \frac{1}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$ Whit.		
TKO 272	$\frac{3}{16}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{5}{16}''$	$\frac{5}{16}'' \times \frac{3}{8}''$	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{9}{16}'' \times \frac{5}{8}''$ B.S.F.	
	$\frac{1}{8}'' \times \frac{1}{16}''$	$\frac{7}{16}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{16}''$	$\frac{1}{16}'' \times \frac{3}{8}''$	$\frac{3}{8}'' \times \frac{1}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$ Whit.	
	Unified Hex. A/F Sizes							
TKO 267	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{9}{16}'' \times \frac{11}{16}''$	$\frac{5}{8}'' \times \frac{11}{16}''$	$\frac{11}{16}'' \times \frac{3}{4}''$	$\frac{3}{4}'' \times \frac{7}{8}''$ A/F		
TKO 277	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{9}{16}'' \times \frac{11}{16}''$	$\frac{5}{8}'' \times \frac{11}{16}''$	$\frac{11}{16}'' \times \frac{3}{4}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{10}{16}'' \times 1\frac{1}{8}''$ A/F	
	American A/F Sizes							
TKO 266	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{9}{16}'' \times \frac{5}{8}''$	$\frac{5}{8}'' \times \frac{3}{4}''$	$\frac{3}{4}'' \times \frac{7}{8}''$ A/F		
TKO 276	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{9}{16}'' \times \frac{5}{8}''$	$\frac{5}{8}'' \times \frac{3}{4}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	$\frac{10}{16}'' \times 1''$ A/F	

### DOUBLE OPEN ENDED SPANNER SETS (In Metal Boxes)

Set No.	Sizes of Spanners included in Set							
TKO 263	Whit. and B.S.F. Sizes							
	$\frac{3}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{5}{16}''$	$\frac{5}{16}'' \times \frac{3}{8}''$	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	B.S.F.	
	$\frac{1}{8}'' \times \frac{3}{16}''$	$\frac{3}{16}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{5}{16}''$	$\frac{5}{16}'' \times \frac{3}{8}''$	$\frac{3}{8}'' \times \frac{7}{16}''$	$\frac{7}{16}'' \times \frac{1}{2}''$	Whit.	
TKO 268	American A/F and Unified Hex.							
	$\frac{7}{16}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{9}{16}'' \times \frac{5}{8}''$	$\frac{5}{8}'' \times \frac{11}{16}''$	$\frac{11}{16}'' \times \frac{3}{4}''$	$\frac{3}{4}'' \times \frac{7}{8}''$	A/F	

# SLIM TYPE D.O.E. SPANNERS

# KING DICK



The use of special Chrome Vanadium material enables us to reduce the wall thickness of the jaws and the handles to a new standard of lightness. The complete set will take care of all the most popular sizes of nuts and bolts.

## B.S.F. & WHITWORTH

Stock No.	NUT SIZES		Width Across Flats	Overall Length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
OLW 202	$\frac{3}{16}$ " $\times$ $\frac{1}{4}$ "	$\frac{1}{16}$ " $\times$ $\frac{3}{16}$ "	.340 $\times$ .445	5 $\frac{1}{2}$ "
OLW 203	$\frac{1}{4}$ " $\times$ $\frac{5}{16}$ "	$\frac{3}{16}$ " $\times$ $\frac{1}{2}$ "	.445 $\times$ .525	6 $\frac{1}{2}$ "
OLW 204	$\frac{5}{16}$ " $\times$ $\frac{3}{8}$ "	$\frac{1}{2}$ " $\times$ $\frac{5}{8}$ "	.525 $\times$ .600	7"
OLW 205	$\frac{3}{8}$ " $\times$ $\frac{7}{8}$ "	$\frac{5}{8}$ " $\times$ $\frac{7}{8}$ "	.600 $\times$ .710	7 $\frac{1}{2}$ "
OLW 206	$\frac{7}{16}$ " $\times$ $\frac{3}{4}$ "	$\frac{3}{4}$ " $\times$ $\frac{7}{8}$ "	.710 $\times$ .820	8 $\frac{1}{2}$ "
OLW 207	$\frac{1}{2}$ " $\times$ $\frac{7}{8}$ "	$\frac{7}{8}$ " $\times$ $\frac{1}{1}$ "	.820 $\times$ .920	9 $\frac{1}{2}$ "
OLW 208	$\frac{9}{16}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	.920 $\times$ 1.010	10"
OLW 209	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	1.010 $\times$ 1.100	10 $\frac{1}{2}$ "

## AMERICAN A/F & UNIFIED HEX.

Stock No.	Nut Sizes A/F	Width Across Flats	Overall Length
OLA 210	$\frac{1}{16}$ " $\times$ $\frac{3}{16}$ "	.312 $\times$ .375	5 $\frac{1}{2}$ "
OLA 214	$\frac{1}{16}$ " $\times$ $\frac{1}{4}$ "	.437 $\times$ .500	6"
OLA 218	$\frac{1}{16}$ " $\times$ $\frac{5}{16}$ "	.562 $\times$ .625	7"
OLA 219	$\frac{3}{16}$ " $\times$ $\frac{1}{2}$ "	.593 $\times$ .687	7 $\frac{1}{2}$ "
OLA 224	$\frac{1}{4}$ " $\times$ $\frac{3}{4}$ "	.750 $\times$ .875	9"
OLA 225	$\frac{5}{16}$ " $\times$ $\frac{1}{1}$ "	.781 $\times$ .812	8 $\frac{1}{2}$ "
OLA 230	$\frac{3}{8}$ " $\times$ $\frac{1}{1}$ "	.937 $\times$ 1.0	9 $\frac{1}{2}$ "

## METRIC

Stock No.	Nut Sizes A/F	Width Across Flats	Overall Length
OLM 209	9m/m $\times$ 11m/m	.354 $\times$ .433	5 $\frac{1}{2}$ "
OLM 210	10m/m $\times$ 12m/m	.394 $\times$ .472	6"
OLM 214	14m/m $\times$ 17m/m	.551 $\times$ .669	7 $\frac{1}{2}$ "
OLM 219	19m/m $\times$ 22m/m	.748 $\times$ .866	9"
OLM 224	24m/m $\times$ 27m/m	.945 $\times$ 1.063	9 $\frac{1}{2}$ "

## SETS supplied in Clips as illustrated

Stock No.	Sizes of Spanners included in Set									
TKO 362	$\frac{3}{16}$ " $\times$ $\frac{1}{4}$ "	$\frac{1}{4}$ " $\times$ $\frac{5}{16}$ "	$\frac{5}{16}$ " $\times$ $\frac{3}{8}$ "	$\frac{3}{8}$ " $\times$ $\frac{1}{2}$ "	$\frac{1}{2}$ " $\times$ $\frac{3}{4}$ "	$\frac{3}{4}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	B.S.F.	$\frac{9}{16}$ " $\times$ $\frac{1}{1}$ "	B.S.F.
TKO 372	$\frac{1}{4}$ " $\times$ $\frac{5}{16}$ "	$\frac{5}{16}$ " $\times$ $\frac{3}{8}$ "	$\frac{3}{8}$ " $\times$ $\frac{1}{2}$ "	$\frac{1}{2}$ " $\times$ $\frac{3}{4}$ "	$\frac{3}{4}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	A/F.	$\frac{9}{16}$ " $\times$ $\frac{1}{1}$ "	A/F.
TKO 365	$\frac{5}{16}$ " $\times$ $\frac{3}{8}$ "	$\frac{3}{8}$ " $\times$ $\frac{1}{2}$ "	$\frac{1}{2}$ " $\times$ $\frac{3}{4}$ "	$\frac{3}{4}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "			
TKO 375	$\frac{3}{8}$ " $\times$ $\frac{1}{2}$ "	$\frac{1}{2}$ " $\times$ $\frac{3}{4}$ "	$\frac{3}{4}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "	$\frac{1}{1}$ " $\times$ $\frac{1}{1}$ "			





# SINGLE OPEN ENDED SPANNERS

## CARBON STEEL SINGLE OPEN ENDED SPANNERS

### B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192				B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192		
OMW 202	$\frac{1}{16}$ "	$\frac{1}{8}$ "	.337	2 $\frac{1}{2}$ "	OMW 209	$\frac{1}{8}$ "	$\frac{3}{16}$ "	1.010	8 $\frac{1}{2}$ "
OMW 203	$\frac{1}{8}$ "	$\frac{3}{16}$ "	.445	3"	OMW 210	$\frac{3}{16}$ "	$\frac{1}{2}$ "	1.100	9 $\frac{1}{2}$ "
OMW 204	$\frac{1}{4}$ "	$\frac{1}{2}$ "	.525	3 $\frac{3}{4}$ "	OMW 211	$\frac{1}{2}$ "	$\frac{5}{8}$ "	1.200	11"
OMW 205	$\frac{3}{8}$ "	$\frac{3}{4}$ "	.600	4 $\frac{1}{4}$ "	OMW 212	$\frac{5}{8}$ "	$\frac{3}{4}$ "	1.300	11"
OMW 206	$\frac{7}{16}$ "	$\frac{7}{8}$ "	.710	5 $\frac{1}{4}$ "	OMW 213	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1.390	13"
OMW 207	$\frac{1}{2}$ "	$\frac{15}{16}$ "	.820	6 $\frac{1}{4}$ "	OMW 214	1"	1 $\frac{1}{8}$ "	1.480	13"
OMW 208	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920	7 $\frac{1}{4}$ "	OMW 216	1 $\frac{1}{8}$ "	1"	1.670	15 $\frac{1}{2}$ "

### AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes A/F	S.A.E.	Unified Hex.	Width Across Flats	Overall Length	Stock No.	Nut Sizes A/F	S.A.E.	Unified Hex.	Width Across Flats	Overall Length
OMA 210	$\frac{1}{16}$ "			.312	2 $\frac{1}{2}$ "	OMA 226	$\frac{1}{8}$ "			.812	6 $\frac{1}{2}$ "
OMA 212	$\frac{1}{8}$ "			.375	3"	OMA 228	$\frac{3}{16}$ "	$\frac{3}{16}$ " F		.875	7 $\frac{1}{2}$ "
OMA 214	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ " F	.437	3 $\frac{3}{4}$ "	OMA 230	$\frac{1}{2}$ "	$\frac{1}{2}$ " F		.937	7 $\frac{3}{4}$ "
OMA 216	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ " F	.500	3 $\frac{3}{4}$ "	OMA 232	1"			1.0	8 $\frac{1}{2}$ "
OMA 218	$\frac{7}{16}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ " F	.562	4 $\frac{1}{4}$ "	OMA 234	1 $\frac{1}{16}$ "	$\frac{3}{8}$ " C		1.062	9 $\frac{1}{2}$ "
OMA 219	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ " F	.593	4 $\frac{1}{4}$ "	OMA 236	1 $\frac{1}{8}$ "	$\frac{3}{4}$ " F		1.125	9 $\frac{3}{4}$ "
OMA 220	$\frac{9}{16}$ "	$\frac{7}{8}$ "		.625	4 $\frac{1}{4}$ "	OMA 240	1 $\frac{1}{4}$ "	$\frac{7}{8}$ " C		1.250	11"
OMA 222	$\frac{5}{8}$ "	$\frac{15}{16}$ "	$\frac{7}{8}$ " F	.687	5 $\frac{1}{4}$ "	OMA 242	1 $\frac{3}{8}$ "	$\frac{15}{16}$ " F		1.312	11"
OMA 224	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ " F	.750	5 $\frac{1}{4}$ "	OMA 246	1 $\frac{1}{2}$ "	1" C		1.437	13"
OMA 225	$\frac{7}{8}$ "			.781	6 $\frac{1}{4}$ "	OMA 248	1 $\frac{5}{8}$ "	1 $\frac{1}{8}$ " F		1.500	13"
						OMA 252	1 $\frac{3}{4}$ "	1 $\frac{1}{2}$ " C		1.625	15 $\frac{1}{2}$ "

## CHROME VANADIUM SINGLE OPEN ENDED SPANNERS



### B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192				B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192		
OSW 202	$\frac{1}{16}$ "	$\frac{1}{8}$ "	.337	3 $\frac{1}{4}$ "	OSW 211	$\frac{1}{8}$ "	$\frac{3}{16}$ "	1.200	11 $\frac{1}{2}$ "
OSW 203	$\frac{1}{8}$ "	$\frac{3}{16}$ "	.445	4"	OSW 212	$\frac{3}{16}$ "	$\frac{1}{2}$ "	1.300	12 $\frac{1}{2}$ "
OSW 204	$\frac{1}{4}$ "	$\frac{1}{2}$ "	.525	5"	OSW 213	$\frac{1}{2}$ "	$\frac{5}{8}$ "	1.390	13"
OSW 205	$\frac{3}{8}$ "	$\frac{3}{4}$ "	.600	5 $\frac{3}{4}$ "	OSW 214	1"	$\frac{7}{8}$ "	1.480	14"
OSW 206	$\frac{7}{16}$ "	$\frac{7}{8}$ "	.710	6"	OSW 216	1 $\frac{1}{8}$ "	1"	1.670	16"
OSW 207	$\frac{1}{2}$ "	$\frac{15}{16}$ "	.820	7 $\frac{1}{4}$ "	OSW 218	1 $\frac{1}{4}$ "	1 $\frac{1}{8}$ " F	1.860	17 $\frac{1}{2}$ "
OSW 208	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920	8 $\frac{1}{4}$ "	OSW 220	1 $\frac{3}{8}$ "	1 $\frac{1}{4}$ " F	2.050	19"
OSW 209	$\frac{5}{8}$ "	$\frac{15}{16}$ "	1.010	9 $\frac{1}{4}$ "	OSW 222	1 $\frac{1}{2}$ "	1 $\frac{3}{8}$ " F	2.220	20 $\frac{1}{2}$ "
OSW 210	$\frac{3}{4}$ "	$\frac{1}{2}$ "	1.100	10 $\frac{1}{4}$ "	OSW 224	1 $\frac{3}{4}$ "	1 $\frac{1}{2}$ " F	2.410	22"

### AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes A/F	S.A.E.	Unified Hex.	Width Across Flats	Overall Length	Stock No.	Nut Sizes A/F	S.A.E.	Unified Hex.	Width Across Flats	Overall Length
OSA 210	$\frac{1}{16}$ "			.312	3 $\frac{1}{4}$ "	OSA 232	1"			1.0	9 $\frac{1}{2}$ "
OSA 212	$\frac{1}{8}$ "			.375	3 $\frac{3}{4}$ "	OSA 234	1 $\frac{1}{16}$ "	$\frac{3}{8}$ " C		1.062	10 $\frac{1}{2}$ "
OSA 214	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ " F	.437	4"	OSA 236	1 $\frac{1}{8}$ "	$\frac{3}{4}$ " F		1.125	11"
OSA 216	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ " F	.500	5"	OSA 240	1 $\frac{1}{4}$ "	$\frac{7}{8}$ " C		1.250	12 $\frac{1}{2}$ "
OSA 218	$\frac{7}{16}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ " F	.562	5 $\frac{1}{4}$ "	OSA 242	1 $\frac{1}{2}$ "	$\frac{15}{16}$ " F		1.312	12 $\frac{3}{4}$ "
OSA 219	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ " F	.593	5 $\frac{1}{4}$ "	OSA 246	1 $\frac{1}{8}$ "	1" C		1.437	14"
OSA 220	$\frac{9}{16}$ "	$\frac{7}{8}$ "		.625	5 $\frac{1}{4}$ "	OSA 248	1 $\frac{1}{4}$ "	1 $\frac{1}{8}$ " F		1.500	14"
OSA 222	$\frac{5}{8}$ "	$\frac{15}{16}$ "	$\frac{7}{8}$ " F	.687	6"	OSA 252	1 $\frac{3}{8}$ "	1 $\frac{1}{4}$ " C		1.625	16"
OSA 224	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ " F	.750	6 $\frac{3}{4}$ "	OSA 258	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ " C		1.812	17 $\frac{1}{2}$ "
OSA 225	$\frac{7}{8}$ "			.781	7 $\frac{1}{4}$ "	OSA 264	2"	1 $\frac{3}{8}$ " C		2.0	19"
OSA 226	$\frac{1}{2}$ "			.812	8 $\frac{1}{4}$ "	OSA 270	2 $\frac{1}{8}$ "	1 $\frac{3}{4}$ " C		2.187	20 $\frac{3}{4}$ "
OSA 228	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ " F	.875	8 $\frac{3}{4}$ "	OSA 276	2 $\frac{1}{4}$ "	1 $\frac{3}{4}$ " C		2.375	22"
OSA 230	$\frac{7}{8}$ "			.937	9 $\frac{1}{4}$ "						

# COMBINATION SPANNERS

# KING DICK



## LONG SERIES

### SLIM COMBINATION SPANNERS B.S.F. & WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
CTW 203	$\frac{1}{8}$ "	$\frac{3}{16}$ "	.445	6 $\frac{1}{2}$ "
CTW 204	$\frac{1}{16}$ "	$\frac{1}{4}$ "	.525	7 $\frac{1}{2}$ "
CTW 205	$\frac{3}{16}$ "	$\frac{5}{16}$ "	.600	8 $\frac{1}{2}$ "
CTW 206	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.710	9 $\frac{1}{2}$ "
CTW 207	$\frac{5}{16}$ "	$\frac{7}{8}$ "	.820	11 $\frac{1}{2}$ "
CTW 208	$\frac{3}{4}$ "	1"	.920	13 $\frac{1}{2}$ "
CTW 209	1"	1 $\frac{1}{8}$ "	1.010	13 $\frac{1}{2}$ "

### AMERICAN A/F & UNIFIED HEX.

Stock No.	Nut Sizes		Width Across Flats	Overall Length
	A/F	Unified Hex. S.A.E.		
CTA 212	$\frac{3}{16}$ "	$\frac{1}{4}$ "	.375	6 $\frac{1}{2}$ "
CTA 214	$\frac{1}{8}$ "	$\frac{1}{2}$ "	.437	7 $\frac{1}{2}$ "
CTA 216	$\frac{1}{4}$ "	$\frac{3}{8}$ "	.500	8 $\frac{1}{2}$ "
CTA 218	$\frac{3}{8}$ "	$\frac{1}{2}$ "	.562	9 $\frac{1}{2}$ "
CTA 220	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.625	10 $\frac{1}{2}$ "
CTA 222	$\frac{5}{8}$ "	1"	.687	11 $\frac{1}{2}$ "
CTA 224	1"	1 $\frac{1}{4}$ "	.750	12 $\frac{1}{2}$ "
CTA 226	1 $\frac{1}{8}$ "	1 $\frac{1}{2}$ "	.812	13 $\frac{1}{2}$ "
CTA 228	1 $\frac{1}{4}$ "	1 $\frac{3}{4}$ "	.875	14 $\frac{1}{2}$ "
CTA 230	1 $\frac{1}{2}$ "	2"	.937	15 $\frac{1}{2}$ "
CTA 232	1 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	1.0	16 $\frac{1}{2}$ "
CTA 234	2"	2 $\frac{3}{4}$ "	1.062	17 $\frac{1}{2}$ "

## METRIC

Stock No.	Nut Sizes A/F	Width Across Flats	Overall Length
CTM 211	11 m/m	.433	6 $\frac{1}{2}$ "
CTM 212	12 m/m	.472	7 $\frac{1}{2}$ "
CTM 213	13 m/m	.512	8 $\frac{1}{2}$ "
CTM 214	14 m/m	.551	9 $\frac{1}{2}$ "
CTM 215	15 m/m	.590	10 $\frac{1}{2}$ "
CTM 216	16 m/m	.630	11 $\frac{1}{2}$ "
CTM 217	17 m/m	.669	12 $\frac{1}{2}$ "
CTM 218	18 m/m	.708	13 $\frac{1}{2}$ "
CTM 219	19 m/m	.748	14 $\frac{1}{2}$ "
CTM 220	20 m/m	.787	15 $\frac{1}{2}$ "
CTM 221	21 m/m	.827	16 $\frac{1}{2}$ "
CTM 222	22 m/m	.866	17 $\frac{1}{2}$ "
CTM 223	23 m/m	.906	18 $\frac{1}{2}$ "
CTM 224	24 m/m	.945	19 $\frac{1}{2}$ "
CTM 225	25 m/m	.984	20 $\frac{1}{2}$ "
CTM 226	26 m/m	1.024	21 $\frac{1}{2}$ "
CTM 227	27 m/m	1.063	22 $\frac{1}{2}$ "

## LONG COMBINATION SPANNER SETS

Stock No.	Sizes			
TKC 243	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	B.S.F.
TKC 263	$\frac{1}{8}$ "	$\frac{1}{16}$ "	$\frac{1}{4}$ "	B.S.F.
TKC 246	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	A/F
TKC 266	$\frac{1}{8}$ "	$\frac{1}{16}$ "	$\frac{1}{4}$ "	A/F
TKC 267	$\frac{1}{8}$ "	$\frac{1}{16}$ "	$\frac{1}{4}$ "	A/F
TKC 249	11, 12, 14, 17 m/m			
TKC 269	11, 12, 14, 17, 19, 22 m/m			

## SHORT SERIES

### B.S.F. & B.S.W.

Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
CTW 602	$\frac{3}{16}$ "	$\frac{1}{4}$ "	.337	5 $\frac{1}{2}$ "
CTW 603	$\frac{1}{8}$ "	$\frac{1}{2}$ "	.445	5 $\frac{1}{2}$ "
CTW 604	$\frac{3}{16}$ "	$\frac{5}{16}$ "	.525	5 $\frac{1}{2}$ "
CTW 605	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.600	6 $\frac{1}{2}$ "
CTW 606	$\frac{5}{16}$ "	$\frac{7}{8}$ "	.710	6 $\frac{1}{2}$ "
CTW 607	1"	1 $\frac{1}{8}$ "	.820	7 $\frac{1}{2}$ "

### AMERICAN & UNIFIED HEX.

Stock No.	Nut Sizes		Unified Hex.	Width Across Flats	Overall Length
	A/F	S.A.E.			
CTA 610	$\frac{5}{16}$ "			.312	5 $\frac{1}{2}$ "
CTA 612	$\frac{1}{4}$ "			.375	5 $\frac{1}{2}$ "
CTA 614	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ " F	.437	5 $\frac{1}{2}$ "
CTA 616	$\frac{1}{8}$ "	$\frac{1}{2}$ "	$\frac{1}{8}$ " F	.500	5 $\frac{1}{2}$ "
CTA 618	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ " F	.562	5 $\frac{1}{2}$ "
CTA 620	$\frac{1}{2}$ "	$\frac{1}{2}$ "		.625	6 $\frac{1}{2}$ "
CTA 622	$\frac{5}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ " F	.687	6 $\frac{1}{2}$ "
CTA 624	1"	1"	$\frac{1}{2}$ " F	.750	6 $\frac{1}{2}$ "
CTA 626	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "		.812	7 $\frac{1}{2}$ "

## SHORT COMBINATION SPANNER SETS

Stock No.					Stock No.				
TKC 643	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	B.S.F.	TKC 646	$\frac{3}{16}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	A/F.
TKC 653	$\frac{1}{8}$ "	$\frac{1}{16}$ "	$\frac{1}{4}$ "	B.S.F.	TKC 666	$\frac{1}{8}$ "	$\frac{1}{16}$ "	$\frac{1}{4}$ "	A/F.
					TKC 667	$\frac{3}{16}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	A/F.





## CONSTRUCTIONAL SPANNERS

### SLOGGING RING SPANNERS B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. & B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192				B.S.F. & B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
SFW 209	1 1/8"	1 1/8"	1.010	10 1/2"	SFW 218	1 1/8"	1 1/8"	1.860	12 1/2"
SFW 210	1 1/8"	1 1/8"	1.100	11"	SFW 220	1 1/8"	1 1/8"	2.050	13"
SFW 211	1 1/8"	1 1/8"	1.200	11"	SFW 222	1 1/8"	1 1/8"	2.220	13"
SFW 212	1 1/8"	1 1/8"	1.300	11 1/2"	SFW 224	1 1/8"	1 1/8"	2.410	14"
SFW 213	1 1/8"	1 1/8"	1.390	11 1/2"	SFW 226	1 1/8"	1 1/8"	2.580	14"
SFW 214	1 1/8"	1 1/8"	1.480	12"	SFW 228	2"	2"	2.760	15"
SFW 215	1 1/8"	1 1/8"	1.580	12"	SFW 230	2 1/8"	2 1/8"	3.020	15"
SFW 216	1 1/8"	1 1/8"	1.670	12 1/2"	SFW 232	2 1/8"	2"	3.150	15"

### AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	A/F	U.S.S.				A/F	U.S.S.		
SFA 234	1 1/8"	3/8"	1.062	10 1/2"	SFA 264	2"	1 1/4"	2.0	13"
SFA 236	1 1/8"	3/8"	1.125	11"	SFA 266	2 1/8"	1 1/2"	2.062	13"
SFA 240	1 1/8"	3/8"	1.250	11"	SFA 270	2 3/8"	1 3/8"	2.187	13"
SFA 242	1 1/8"	3/8"	1.312	11 1/2"	SFA 272	2 1/2"	1 3/8"	2.250	13"
SFA 246	1 1/8"	3/8"	1.437	11 1/2"	SFA 276	2 3/8"	1 3/8"	2.375	14"
SFA 248	1 1/8"	3/8"	1.500	12"	SFA 282	2 1/2"	1 3/8"	2.562	14"
SFA 252	1 1/8"	1"	1.625	12"	SFA 284	2 3/8"	1 3/8"	2.625	14"
SFA 254	1 1/8"	1"	1.687	12 1/2"	SFA 288	2 3/8"	1 3/8"	2.750	15"
SFA 258	1 1/8"	1 1/4"	1.812	12 1/2"	SFA 294	2 1/2"	2"	2.937	15"
SFA 260	1 1/8"	1 1/4"	1.875	12 1/2"	SFA 299	3 1/8"	2"	3.125	15"



### HEAVY DUTY RING SPANNERS SPANNERS ONLY—LESS TUBULAR HANDLES B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. & B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192				B.S.F. & B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
HRW 416	1 1/8"	1"	1.670	40"	HRW 426	1 3/8"	1 3/8"	2.580	45"
HRW 418	1 1/8"	1"	1.860	40"	HRW 428	2"	1 3/8"	2.760	46"
HRW 420	1 1/8"	1"	2.050	44"	HRW 430	2 1/8"	1 3/8"	3.020	46"
HRW 422	1 1/8"	1"	2.220	44"	HRW 432	2 1/8"	2"	3.150	46"
HRW 424	1 1/8"	1"	2.410	45"					

### AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	A/F	U.S.S.				A/F	U.S.S.		
HRA 434	1 1/8"	3/8"	1.062	29 1/2"	HRA 470	2 3/8"	1 3/8"	2.187	44"
HRA 440	1 1/8"	3/8"	1.250	30"	HRA 472	2 1/2"	1 3/8"	2.250	44"
HRA 446	1 1/8"	3/8"	1.437	39"	HRA 476	2 3/8"	1 3/8"	2.375	45"
HRA 452	1 1/8"	1"	1.625	39 1/2"	HRA 482	2 1/2"	1 3/8"	2.562	45"
HRA 454	1 1/8"	1"	1.687	40"	HRA 484	2 3/8"	1 3/8"	2.625	45"
HRA 458	1 1/8"	1 1/4"	1.812	40"	HRA 488	2 3/8"	1 3/8"	2.750	46"
HRA 460	1 1/8"	1 1/4"	1.875	40"	HRA 494	2 1/2"	2"	2.937	46"
HRA 464	2"	1 1/4"	2.0	44"	HRA 499	3 1/8"	2"	3.125	46"

### TUBULAR HANDLES FOR HEAVY DUTY RING SPANNERS

Stock No.	Size Handle	Dia. Tube	Length	Suitable for	
				B.S.W.	A/F
HRT 524	X	1" O/D	24"		1 1/8", 1 1/4"
HRT 534	A	1 1/8" O/D	34"	1", 1 1/8"	1 1/8" to 1 1/2"
HRT 538	B	1 1/4" O/D	38"	1 1/4" to 2"	2" to 3 1/2"

# CONSTRUCTIONAL SPANNERS

# KING DICK

## CHROME VANADIUM BI-HEXAGON DOUBLE OFFSET RING SPANNERS



### B.S.F. AND WHITWORTH SIZES

Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
DDW 216	1 1/8" x 1 1/8"	1" x 1 1/8"	1.670 x 1.860	20 3/4"
DDW 218	1 1/4" x 1 1/4"	1 1/4" x 1 1/4"	1.860 x 2.050	23 1/4"
DDW 220	1 3/8" x 1 3/8"	1 3/8" x 1 3/8"	2.050 x 2.220	23 1/4"
DDW 222	1 7/8" x 1 7/8"	1 7/8" x 1 7/8"	2.220 x 2.410	26"
DDW 224	1 3/4" x 1 3/4"	1 3/4" x 1 3/4"	2.410 x 2.580	26"

### AMERICAN A/F AND UNIFIED HEX. SIZES

Stock No.	Nut Sizes A/F	Heavy Nut U.S.S.	Light Nut S.A.E.	Heavy Unified Hex.	Width Across Flats	Overall Length
DDA 248	1 1/8" x 1 1/8"	1" x 1 1/8"	— x 1 1/8"	1" x 1 1/8"	1.500 x 1.625	18 3/4"
DDA 252	1 1/4" x 1 1/4"		— x 1 1/4"		1.625 x 1.812	20 3/4"
DDA 254	1 3/8" x 1 3/8"		— x 1 3/8"		1.687 x 1.812	20 3/4"
DDA 255	1 7/8" x 1 7/8"	1 1/8" x 1 1/8"	1 1/8" x 1 1/8"	1 1/8" x 1 1/8"	1.687 x 1.875	20 3/4"
DDA 264	2" x 2"				2" x 2.187	23 1/4"
DDA 270	2 1/8" x 2 1/8"				2.187 x 2.375	26"
DDA 276	2 3/8" x 2 3/8"	1 3/4" x 1 3/4"	—	1 3/4" x —	2.375 x 2.562	26"

## CHROME VANADIUM DOUBLE OPEN END SPANNERS



### B.S.F. AND WHITWORTH SIZES

Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
ODW 216	1 1/8" x 1 1/8"	1" x 1 1/8"	1.670 x 1.860	20"
ODW 218	1 1/4" x 1 1/4"	1 1/4" x 1 1/4"	1.860 x 2.050	20"
ODW 220	1 3/8" x 1 3/8"	1 3/8" x 1 3/8"	2.050 x 2.220	24"
ODW 222	1 7/8" x 1 7/8"	1 7/8" x 1 7/8"	2.220 x 2.410	24"
ODW 2260	1 3/4" x 2 1/4"	1 3/4" x 2"	2.580 x 3.020	29 1/2"
ODW 2282	2" x 2 1/4"	1 3/4" x 2"	2.760 x 3.150	29 1/2"

### AMERICAN A/F AND UNIFIED HEX. SIZES

Stock No.	Nut Sizes A/F	Heavy Nut U.S.S.	Light Nut S.A.E.	Heavy Unified Hex.	Width Across Flats	Overall Length
ODA 252	1 1/8" x 1 1/8"	1" x 1 1/8"	1 1/8" x 1 1/8"	1" x 1 1/8"	1.625 x 1.812	20"
ODA 258	1 1/4" x 1 1/4"	1 1/4" x 1 1/4"	1 1/4" x 1 1/4"	1 1/4" x 1 1/4"	1.812 x 2"	20"
ODA 2706	2 1/8" x 2 1/8"	1 3/8" x 1 3/8"	1 3/8" x —	1 3/8" x 1 3/8"	2.187 x 2.375	24"
ODA 276	2 1/4" x 2 1/4"	1 3/4" x 1 3/4"	—	—	2.375 x 2.562	24"
ODA 2824	2 3/8" x 2 3/8"	1 7/8" x 1 7/8"	—	—	2.562 x 2.937	29 1/2"
ODA 2846	2 7/8" x 3"	2" x 2"	—	—	2.625 x 3"	29 1/2"
ODA 2889	2 1/2" x 3 1/8"	1 3/4" x 2"	—	1 3/4" x 2"	2.750 x 3.125	29 1/2"
ODA 2906	2 1/2" x 3"	—	—	—	2.812 x 3"	29 1/2"



# KING DICK

## CONSTRUCTIONAL SPANNERS



Open Ended  
Podger Spanner

Ring  
Podger Spanner



### OPEN ENDED PODGER SPANNERS

#### B.S.F. AND B.S.W. SIZES

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex B.S.192				B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192		
OPW 204	$\frac{1}{16}$ "	$\frac{3}{16}$ "	.525	9"	OPW 213	$\frac{1}{16}$ "	$\frac{13}{16}$ "	1.390	21"
OPW 205	$\frac{3}{16}$ "	$\frac{1}{2}$ "	.600	9"	OPW 214	$\frac{1}{8}$ "	$\frac{7}{8}$ "	1.480	21"
OPW 206	$\frac{1}{4}$ "	$\frac{5}{8}$ "	.710	12"	OPW 215	$\frac{1}{4}$ "	$\frac{15}{16}$ "	1.580	23"
OPW 207	$\frac{5}{16}$ "	$\frac{3}{4}$ "	.820	15"	OPW 216	$\frac{3}{8}$ "	1"	1.670	23"
OPW 208	$\frac{3}{8}$ "	$\frac{7}{8}$ "	.920	15"	OPW 218	$\frac{1}{2}$ "	1 $\frac{1}{8}$ "	1.860	25"
OPW 209	$\frac{7}{16}$ "	1"	1.010	17"	OPW 220	$\frac{9}{16}$ "	1 $\frac{1}{4}$ "	2.050	25"
OPW 210	$\frac{1}{2}$ "	1 $\frac{1}{8}$ "	1.100	17"	OPW 222	$\frac{5}{8}$ "	1 $\frac{3}{8}$ "	2.220	27"
OPW 211	$\frac{5}{8}$ "	1 $\frac{3}{8}$ "	1.200	19"	OPW 224	1"	1 $\frac{5}{8}$ "	2.410	27"
OPW 212	$\frac{3}{4}$ "	1 $\frac{5}{8}$ "	1.300	19"					

#### AMERICAN A/F AND UNIFIED HEX.

Stock No.	A/F Sizes	Width Across Flats	Overall Length	Stock No.	A/F Sizes	Width Across Flats	Overall Length
OPA 316	$\frac{1}{16}$ "	.500	9"	OPA 346	1 $\frac{7}{16}$ "	1.437	21"
OPA 318	$\frac{3}{16}$ "	.562	9"	OPA 348	1 $\frac{1}{8}$ "	1.500	21"
OPA 320	$\frac{1}{4}$ "	.625	9"	OPA 352	1 $\frac{1}{4}$ "	1.625	23"
OPA 322	$\frac{5}{16}$ "	.687	12"	OPA 354	1 $\frac{3}{8}$ "	1.687	23"
OPA 324	$\frac{3}{8}$ "	.750	12"	OPA 358	1 $\frac{1}{2}$ "	1.812	25"
OPA 326	$\frac{7}{16}$ "	.812	15"	OPA 360	1 $\frac{3}{4}$ "	1.875	25"
OPA 328	$\frac{1}{2}$ "	.875	15"	OPA 364	2"	2.0	25"
OPA 332	1"	1.0	17"	OPA 366	2 $\frac{1}{16}$ "	2.062	25"
OPA 334	1 $\frac{1}{16}$ "	1.062	17"	OPA 370	2 $\frac{3}{16}$ "	2.187	27"
OPA 336	1 $\frac{1}{8}$ "	1.125	17"	OPA 372	2 $\frac{1}{2}$ "	2.250	27"
OPA 340	1 $\frac{1}{4}$ "	1.250	19"	OPA 376	2 $\frac{3}{8}$ "	2.375	27"
OPA 342	1 $\frac{3}{8}$ "	1.312	19"				

### RING PODGER SPANNERS

#### B.S.F. AND B.S.W. SIZES

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192				B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192		
PRW 204	$\frac{1}{16}$ "	$\frac{3}{16}$ "	.525	8"	PRW 213	$\frac{1}{16}$ "	$\frac{13}{16}$ "	1.390	21"
PRW 205	$\frac{3}{16}$ "	$\frac{1}{2}$ "	.600	8"	PRW 214	$\frac{1}{8}$ "	$\frac{7}{8}$ "	1.480	21"
PRW 206	$\frac{1}{4}$ "	$\frac{5}{8}$ "	.710	10"	PRW 215	$\frac{1}{4}$ "	$\frac{15}{16}$ "	1.580	22"
PRW 207	$\frac{5}{16}$ "	$\frac{3}{4}$ "	.820	12"	PRW 216	$\frac{3}{8}$ "	1"	1.670	22"
PRW 208	$\frac{3}{8}$ "	$\frac{7}{8}$ "	.920	12"	PRW 218	$\frac{1}{2}$ "	1 $\frac{1}{8}$ "	1.860	23"
PRW 209	$\frac{7}{16}$ "	1"	1.010	15"	PRW 220	$\frac{9}{16}$ "	1 $\frac{1}{4}$ "	2.050	23"
PRW 210	$\frac{1}{2}$ "	1 $\frac{1}{8}$ "	1.100	15"	PRW 222	$\frac{5}{8}$ "	1 $\frac{3}{8}$ "	2.220	25"
PRW 211	$\frac{5}{8}$ "	1 $\frac{3}{8}$ "	1.200	18"	PRW 224	1"	1 $\frac{5}{8}$ "	2.410	25"
PRW 212	$\frac{3}{4}$ "	1 $\frac{5}{8}$ "	1.300	18"					

#### AMERICAN A/F AND UNIFIED HEX.

Stock No.	A/F Sizes	Width Across Flats	Overall Length	Stock No.	A/F Sizes	Width Across Flats	Overall Length
PRA 316	$\frac{1}{16}$ "	.500	8"	PRA 342	1 $\frac{7}{16}$ "	1.312	18"
PRA 318	$\frac{3}{16}$ "	.562	8"	PRA 346	1 $\frac{1}{8}$ "	1.437	21"
PRA 320	$\frac{1}{4}$ "	.625	8"	PRA 348	1 $\frac{1}{4}$ "	1.500	21"
PRA 322	$\frac{5}{16}$ "	.687	10"	PRA 352	1 $\frac{1}{2}$ "	1.625	22"
PRA 324	$\frac{3}{8}$ "	.750	10"	PRA 354	1 $\frac{3}{8}$ "	1.687	22"
PRA 326	$\frac{7}{16}$ "	.812	12"	PRA 358	1 $\frac{1}{2}$ "	1.812	23"
PRA 328	$\frac{1}{2}$ "	.875	12"	PRA 360	1 $\frac{3}{4}$ "	1.875	23"
PRA 330	$\frac{5}{8}$ "	.937	12"	PRA 364	2"	2.0	23"
PRA 332	1"	1.0	15"	PRA 366	2 $\frac{1}{16}$ "	2.062	23"
PRA 334	1 $\frac{1}{16}$ "	1.062	15"	PRA 370	2 $\frac{3}{16}$ "	2.187	25"
PRA 336	1 $\frac{1}{8}$ "	1.125	15"	PRA 372	2 $\frac{1}{2}$ "	2.250	25"
PRA 340	1 $\frac{3}{8}$ "	1.250	18"	PRA 376	2 $\frac{3}{8}$ "	2.375	25"

# MACHINE TOOL SPANNERS



# KING DICK

## CHROME VANADIUM SOLID BOX SPANNERS "T" HANDLE

Stock No.	Square A/F	Width Across Flats	Overall Length	Stock No.	Square A/F	Width Across Flats	Overall Length
TBS 404	$\frac{1}{8}$ "	.250	6"	TBS 409	$\frac{9}{16}$ "	.562	8"
TBS 405	$\frac{1}{4}$ "	.312	6"	TBS 410	$\frac{11}{16}$ "	.625	10"
TBS 406	$\frac{3}{8}$ "	.375	8"	TBS 411	$\frac{13}{16}$ "	.687	10"
TBS 407	$\frac{7}{16}$ "	.437	8"	TBS 412	$\frac{15}{16}$ "	.750	10"
TBS 408	$\frac{1}{2}$ "	.500	8"	TBS 413	$\frac{17}{16}$ "	.812	10"

## SET SCREW SPANNERS DOUBLE ENDED



Stock No.	Set Screw Size A/F	Width Across Flats	Overall Length	Stock No.	Set Screw Size A/F	Width Across Flats	Overall Length
OSS 406	$\frac{1}{8}$ " x $\frac{1}{4}$ "	.187 x .250	4 $\frac{1}{2}$ "	OSS 414	$\frac{7}{16}$ " x $\frac{3}{8}$ "	.437 x .500	7"
OSS 408	$\frac{1}{4}$ " x $\frac{1}{2}$ "	.250 x .312	4 $\frac{1}{2}$ "	OSS 415	$\frac{9}{16}$ " x $\frac{1}{2}$ "	.500 x .562	8 $\frac{1}{2}$ "
OSS 410	$\frac{3}{8}$ " x $\frac{3}{4}$ "	.312 x .375	6"	OSS 416	$\frac{1}{2}$ " x $\frac{5}{8}$ "	.500 x .625	8 $\frac{1}{2}$ "
OSS 412	$\frac{7}{16}$ " x $\frac{7}{8}$ "	.375 x .437	6"	<b>SINGLE ENDED</b>			
OSS 413	$\frac{1}{2}$ " x $\frac{15}{16}$ "	.375 x .500	7"	OSS 628	7"	.875	10 $\frac{1}{2}$ "

## UNION SPANNERS SINGLE OPEN ENDED



### B.S.F. AND WHITWORTH

### AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes A/F	S.A.E.	Unified Hex.	Width Across Flats	Overall Length
	B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192								
OFW 404	$\frac{5}{16}$ "	$\frac{1}{2}$ "	.525	4 $\frac{1}{2}$ "	OFA 416	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ " F	.500	4 $\frac{1}{2}$ "
OFW 405	$\frac{3}{8}$ "	$\frac{7}{16}$ "	.600	4 $\frac{1}{2}$ "	OFA 418	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$\frac{11}{16}$ " F	.562	4 $\frac{1}{2}$ "
OFW 406	$\frac{7}{16}$ "	$\frac{1}{2}$ "	.710	6"	OFA 420	$\frac{11}{16}$ "	$\frac{1}{2}$ "	$\frac{13}{16}$ " F	.625	4 $\frac{1}{2}$ "
OFW 407	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.820	6"	OFA 422	$\frac{13}{16}$ "	$\frac{1}{2}$ "	$\frac{7}{8}$ " F	.687	6"
OFW 408	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920	7"	OFA 424	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{15}{16}$ " F	.750	6"
OFW 409	$\frac{5}{8}$ "	$\frac{1}{2}$ "	1.010	7"	OFA 428	$\frac{13}{16}$ "	$\frac{1}{2}$ "	$\frac{7}{8}$ " F	.875	7"
OFW 410	$\frac{11}{16}$ "	$\frac{1}{2}$ "	1.100	8"	OFA 430	$\frac{15}{16}$ "	$\frac{1}{2}$ "	$\frac{15}{16}$ " F	.937	7"
OFW 411	$\frac{3}{4}$ "	$\frac{1}{2}$ "	1.200	8"	OFA 432	1"	$\frac{3}{4}$ "	1"	1.0	7"
OFW 412	$\frac{11}{16}$ "	$\frac{3}{4}$ "	1.300	8"	OFA 434	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{11}{16}$ " F	1.062	8"
OFW 413	$\frac{13}{16}$ "	$\frac{3}{4}$ "	1.390	10"	OFA 436	$\frac{13}{16}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ " F	1.125	8"
OFW 414	$\frac{15}{16}$ "	$\frac{3}{4}$ "	1.480	10"	OFA 440	$\frac{15}{16}$ "	$\frac{3}{4}$ "	$\frac{15}{16}$ " F	1.250	8"
OFW 416	1"	$\frac{1}{2}$ "	1.670	11 $\frac{1}{2}$ "	OFA 442	1"	$\frac{7}{8}$ "	$\frac{7}{8}$ " F	1.312	8"
OFW 418	1 $\frac{1}{8}$ "	$\frac{1}{2}$ "	1.860	11 $\frac{1}{2}$ "	OFA 444	1 $\frac{1}{8}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ " F	1.375	10"
OFW 420	1 $\frac{1}{4}$ "	$\frac{1}{2}$ "	2.050	13 $\frac{1}{2}$ "	OFA 446	1 $\frac{1}{4}$ "	1"	1" F	1.437	10"
OFW 422	1 $\frac{3}{8}$ "	$\frac{1}{2}$ "	2.220	13 $\frac{1}{2}$ "	OFA 448	1 $\frac{3}{8}$ "	1"	1" F	1.500	10"

## PEG SPANNERS



Stock No.	P.C. Dia.	Dia. Pins	Length Pins	Inside Dia. Jaw	Length from Pin Centres	Thickness Spanner
CPS 178	1 $\frac{1}{2}$ "	$\frac{7}{8}$ "	$\frac{1}{4}$ "	1"	5"	$\frac{3}{16}$ "
CPS 257	2"	$\frac{7}{8}$ "	$\frac{1}{4}$ "	1 $\frac{1}{8}$ "	6"	$\frac{3}{16}$ "
CPS 2614	2"	$\frac{7}{8}$ "	$\frac{1}{4}$ "	1 $\frac{1}{8}$ "	6"	$\frac{3}{16}$ "
CPS 288	2"	$\frac{7}{8}$ "	$\frac{1}{4}$ "	1 $\frac{1}{8}$ "	6"	$\frac{3}{16}$ "
CPS 299	2 $\frac{1}{2}$ "	$\frac{7}{8}$ "	$\frac{1}{4}$ "	1 $\frac{1}{8}$ "	7 $\frac{1}{2}$ "	$\frac{3}{16}$ "
CPS 355	3 $\frac{1}{4}$ "	$\frac{7}{8}$ "	$\frac{1}{4}$ "	2 $\frac{1}{8}$ "	9"	$\frac{3}{16}$ "
CPS 467	4 $\frac{1}{4}$ "	$\frac{7}{8}$ "	$\frac{1}{4}$ "	3"	10"	$\frac{3}{16}$ "

## ADJUSTABLE HOOK SPANNERS

Stock No.	O/Dia. Capacity	Overall Length
AHS 406	$\frac{3}{8}$ " to 2"	6 $\frac{1}{2}$ "
AHS 408	$\frac{11}{16}$ " to 3"	8 $\frac{1}{2}$ "
AHS 411	2" to 4 $\frac{1}{4}$ "	10 $\frac{1}{2}$ "





### KING DICK ADJUSTABLE SPANNERS

Stock No.	Model	Size	Capacity
AKD 203	0	3"	$\frac{5}{16}$ " B.S.F. $\frac{1}{4}$ " B.S.W. .525 A/F.
AKD 204	1	4"	$\frac{1}{2}$ " B.S.F. $\frac{7}{16}$ " B.S.W. .820 A/F.
AKD 206	2	6"	$\frac{3}{4}$ " B.S.F. $\frac{11}{16}$ " B.S.W. 1.250 A/F.
AKD 209	3	9"	$1\frac{1}{4}$ " B.S.F. $1\frac{1}{8}$ " B.S.W. 1.875 A/F.

### BULLDOG ADJUSTABLE SPANNERS

Stock No.	Size	Capacity
ACW 204	4"	$\frac{5}{16}$ " B.S.F. $\frac{1}{4}$ " B.S.W. .525 A/F.
ACW 206	6"	$\frac{7}{16}$ " B.S.F. $\frac{3}{8}$ " B.S.W. .750 A/F.
ACW 208	8"	$\frac{9}{16}$ " B.S.F. $\frac{1}{2}$ " B.S.W. 1.0 A/F.
ACW 210	10"	$\frac{11}{16}$ " B.S.F. $\frac{9}{16}$ " B.S.W. 1.125 A/F.
ACW 212	12"	$\frac{7}{8}$ " B.S.F. $\frac{3}{4}$ " B.S.W. 1.312 A/F.
ACW 215	15"	$1\frac{1}{8}$ " B.S.F. 1" B.S.W. 1.750 A/F.
ACW 218	18"	$1\frac{3}{8}$ " B.S.F. $1\frac{1}{4}$ " B.S.W. 2.062 A/F.



### DOUBLE CHANNEL ADJUSTABLE SPANNERS

Stock No.	Size	Capacity
ADC 203	$3\frac{1}{4}$ "	$\frac{5}{16}$ " B.S.F. $\frac{1}{4}$ " B.S.W. .525 A/F.
ADC 204	$4\frac{3}{4}$ "	$\frac{9}{16}$ " B.S.F. $\frac{1}{2}$ " B.S.W. .920 A/F.
ADC 207	$7\frac{1}{4}$ "	$1\frac{1}{8}$ " B.S.F. 1" B.S.W. 1.670 A/F.



### AUTO TYPE ADJUSTABLE SPANNERS

Stock No.	Size	Capacity
AAW 207	7"	$\frac{3}{4}$ " B.S.F. $\frac{11}{16}$ " B.S.W. 1.250 A/F.
AAW 209	9"	1" B.S.F. $\frac{7}{8}$ " B.S.W. 1.500 A/F.
AAW 211	11"	$1\frac{1}{4}$ " B.S.F. $1\frac{1}{8}$ " B.S.W. 1.875 A/F.
AAW 215	15"	$1\frac{1}{2}$ " B.S.F. $1\frac{3}{8}$ " B.S.W. 2.250 A/F.



# Solid "T" and Cranked Handle Box Spanners

# KING DICK



## CHROME VANADIUM SOLID BOX SPANNERS "T" HANDLE B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192				B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192		
TBW 202	$\frac{3}{16}$ "	$\frac{1}{8}$ "	.337	6"	TBW 206	$\frac{7}{16}$ "	$\frac{3}{8}$ "	.710	8"
TBW 203	$\frac{1}{4}$ "	$\frac{9}{16}$ "	.445	8"	TBW 207	$\frac{1}{2}$ "	$\frac{7}{16}$ "	.820	10"
TBW 204	$\frac{5}{16}$ "	$\frac{1}{4}$ "	.525	8"	TBW 208	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920	10"
TBW 205	$\frac{3}{8}$ "	$\frac{5}{16}$ "	.600	8"	TBW 209	$\frac{5}{8}$ "	$\frac{5}{16}$ "	1.010	10"

## AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes		Unified Hex.	Width Across Flats	Overall Length	Stock No.	Nut Sizes		Unified Hex.	Width Across Flats	Overall Length
	A/F	S.A.E.					A/F	S.A.E.			
TBA 214	$\frac{7}{16}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "F	.437	8"	TBA 228	$\frac{7}{8}$ "	$\frac{7}{16}$ "	$\frac{9}{16}$ "F	.875	10"
TBA 216	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "F	.500	8"	TBA 230	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "F	.937	10"
TBA 218	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "F	.562	8"	TBA 232	1"	1"	1"	1.0	10"
TBA 220	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "F	.625	8"	TBA 234	1 $\frac{1}{16}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "F	1.062	10"
TBA 222	1 $\frac{1}{16}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "F	.687	8"	TBA 236	1 $\frac{1}{8}$ "			1.125	10"
TBA 224	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "F	.750	10"						

## CHROME VANADIUM SOLID BOX SPANNERS CRANKED HANDLE B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length	Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192				B.S.F. & B.S.W. Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192		
CBW 202	$\frac{3}{16}$ "	$\frac{1}{8}$ "	.337	6"	CBW 206	$\frac{7}{16}$ "	$\frac{3}{8}$ "	.710	8"
CBW 203	$\frac{1}{4}$ "	$\frac{9}{16}$ "	.445	8"	CBW 207	$\frac{1}{2}$ "	$\frac{7}{16}$ "	.820	10"
CBW 204	$\frac{5}{16}$ "	$\frac{1}{4}$ "	.525	8"	CBW 208	$\frac{9}{16}$ "	$\frac{1}{2}$ "	.920	10"
CBW 205	$\frac{3}{8}$ "	$\frac{5}{16}$ "	.600	8"	CBW 209	$\frac{5}{8}$ "	$\frac{5}{16}$ "	1.010	10"

## AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes		Unified Hex.	Width Across Flats	Overall Length	Stock No.	Nut Sizes		Unified Hex.	Width Across Flats	Overall Length
	A/F	S.A.E.					A/F	S.A.E.			
CBA 214	$\frac{7}{16}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "F	.437	8"	CBA 228	$\frac{7}{8}$ "	$\frac{7}{16}$ "	$\frac{9}{16}$ "F	.875	10"
CBA 216	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "F	.500	8"	CBA 230	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "F	.937	10"
CBA 218	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "F	.562	8"	CBA 232	1"	1"	1"	1.0	10"
CBA 220	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "F	.625	8"	CBA 234	1 $\frac{1}{16}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "F	1.062	10"
CBA 222	1 $\frac{1}{16}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "F	.687	8"	CBA 236	1 $\frac{1}{8}$ "			1.125	10"
CBA 224	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "F	.750	10"						



## Universal Joint Solid "T" Box Spanners



The Universally Jointed Solid T Handle Spanners have incorporated a range of Whitworth, B.S.F., and American A/F Sockets, and have been designed to overcome many assembly and repair problems.

The stub ended range of Universally Jointed Sockets have been developed for industrial assembly lines where a definite length of operating handle is required. With each Universal Socket we provide a 24" long handle, which can be cut to a suitable length, a sleeve being provided to enable the handle to be fitted to the stub end and then welded in position.

### UNIVERSALLY JOINTED T HANDLE SOLID BOX SPANNERS

B.S.F. and WHITWORTH

Stock No.	Nut Sizes		Width Across Flats
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
<b>TUW 203</b>	$\frac{1}{4}"$	$\frac{3}{16}"$	.445
<b>TUW 204</b>	$\frac{5}{16}"$	$\frac{1}{4}"$	.525
<b>TUW 205</b>	$\frac{3}{8}"$	$\frac{5}{16}"$	.600
<b>TUW 206</b>	$\frac{7}{16}"$	$\frac{3}{8}"$	.710
<b>TUW 207</b>	$\frac{1}{2}"$	$\frac{7}{16}"$	.820
<b>TUW 208</b>	$\frac{9}{16}"$	$\frac{1}{2}"$	.920

### UNIVERSALLY JOINTED STUB-ENDED SOCKET SPANNERS

B.S.F. and WHITWORTH

Stock No.	Nut Sizes		Width Across Flats
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	
<b>SUW 203</b>	$\frac{1}{4}"$	$\frac{3}{16}"$	.445
<b>SUW 204</b>	$\frac{5}{16}"$	$\frac{1}{4}"$	.525
<b>SUW 205</b>	$\frac{3}{8}"$	$\frac{5}{16}"$	.600
<b>SUW 206</b>	$\frac{7}{16}"$	$\frac{3}{8}"$	.710
<b>SUW 207</b>	$\frac{1}{2}"$	$\frac{7}{16}"$	.820
<b>SUW 208</b>	$\frac{9}{16}"$	$\frac{1}{2}"$	.920

### AMERICAN A/F AND UNIFIED HEX.

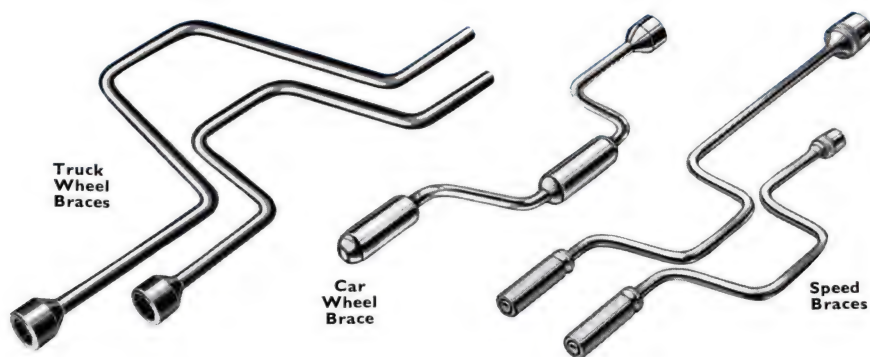
Stock No.	Nut Sizes A/F	Unified Hex.	S.A.E. Size	Width Across Flats
<b>TUA 214</b>	$\frac{7}{16}"$	$\frac{1}{4}"$	$\frac{1}{4}"$	.437
<b>TUA 216</b>	$\frac{1}{2}"$	$\frac{5}{16}"$	$\frac{5}{16}"$	.500
<b>TUA 218</b>	$\frac{9}{16}"$	$\frac{3}{8}"$	$\frac{3}{8}"$	.562
<b>TUA 220</b>	$\frac{5}{8}"$	$\frac{7}{16}"$	$\frac{7}{16}"$	.625
<b>TUA 222</b>	$\frac{11}{16}"$	$\frac{7}{16}"$	$\frac{7}{16}"$	.687
<b>TUA 224</b>	$\frac{1}{2}"$	$\frac{1}{2}"$	$\frac{1}{2}"$	.750
<b>TUA 228</b>	$\frac{9}{8}"$	$\frac{9}{16}"$	$\frac{9}{16}"$	.875

### AMERICAN A/F AND UNIFIED HEX.

Stock No.	Nut Sizes A/F	Unified Hex.	S.A.E. Size	Width Across Flats
<b>SUA 214</b>	$\frac{7}{16}"$	$\frac{1}{4}"$	$\frac{1}{4}"$	.437
<b>SUA 216</b>	$\frac{1}{2}"$	$\frac{5}{16}"$	$\frac{5}{16}"$	.500
<b>SUA 218</b>	$\frac{9}{16}"$	$\frac{3}{8}"$	$\frac{3}{8}"$	.562
<b>SUA 220</b>	$\frac{5}{8}"$	$\frac{7}{16}"$	$\frac{7}{16}"$	.625
<b>SUA 222</b>	$\frac{11}{16}"$	$\frac{7}{16}"$	$\frac{7}{16}"$	.687
<b>SUA 224</b>	$\frac{1}{2}"$	$\frac{1}{2}"$	$\frac{1}{2}"$	.750
<b>SUA 228</b>	$\frac{9}{8}"$	$\frac{9}{16}"$	$\frac{9}{16}"$	.875

# SPEED AND WHEEL BRACES

# KING DICK



## SOLID FORGED SPEED AND WHEEL BRACES

A Series of speed and wheel braces are indispensable in the modern garage and workshop. The KING DICK product is a one piece brace electrically upset to the required size, so ensuring exceptional strength and everlasting wear.

### SPEED BRACES

#### B.S.F. AND WHITWORTH

Stock No.	Nut Sizes		Width Across Flats	Overall Length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192		
FBW 203	$\frac{1}{4}$ "	$\frac{3}{8}$ "	.445	18"
FBW 303	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.445	30"
FBW 204	$\frac{1}{4}$ "	$\frac{3}{8}$ "	.525	18"
FBW 304	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.525	30"
FBW 205	$\frac{3}{8}$ "	$\frac{1}{2}$ "	.600	18"
FBW 305	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.600	30"
FBW 206	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.710	18"
FBW 306	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.710	30"
FBW 207	$\frac{3}{8}$ "	$\frac{1}{2}$ "	.820	18"
FBW 307	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.820	30"
FBW 208	$\frac{3}{8}$ "	$\frac{1}{2}$ "	.920	18"
FBW 308	$\frac{1}{2}$ "	$\frac{3}{4}$ "	.920	30"

#### AMERICAN A/F & UNIFIED HEX.

Stock No.	Nut Sizes A/F	S.A.E. Size	Unified Hex.	Width Across Flats	Overall Length
FBA 214	$\frac{7}{16}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	.437	18"
FBA 314	$\frac{1}{2}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	.437	30"
FBA 216	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.500	18"
FBA 316	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.500	30"
FBA 218	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	.562	18"
FBA 318	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	.562	30"
FBA 220	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.625	18"
FBA 320	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.625	30"
FBA 224	$\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	.750	18"
FBA 324	$\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	.750	30"
FBA 228	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.875	18"
FBA 328	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	.875	30"

### CAR WHEEL BRACES

Stock No.	Nut Sizes	Width Across Flats	Overall Length
WBP 205	$\frac{3}{8}$ " B.S.F. $\frac{1}{2}$ " Whit.	.600	16"
WBP 206	$\frac{1}{2}$ " " $\frac{3}{4}$ " "	.710	16"
WBP 207	$\frac{1}{2}$ " " $\frac{3}{4}$ " "	.820	16"
WBP 208	$\frac{3}{8}$ " " $\frac{1}{2}$ " "	.920	16"
WBP 209	$\frac{1}{2}$ " " $\frac{3}{4}$ " "	1.010	16"
WBP 224	$\frac{3}{8}$ " American A/F $\frac{1}{2}$ "	.750	16"
WBP 228	$\frac{1}{2}$ " " $\frac{3}{4}$ " "	.875	16"

### TRUCK WHEEL BRACES

Stock No.	Nut Sizes	Width Across Flats	Overall Length
WBP 310	$\frac{11}{16}$ " B.S.F. $\frac{5}{8}$ " Whit.	1.100	18 $\frac{3}{4}$ "
WBP 312	$\frac{1}{2}$ " " $\frac{3}{4}$ " "	1.300	18 $\frac{3}{4}$ "
WBP 314	$\frac{1}{2}$ " " $\frac{3}{4}$ " "	1.480	18 $\frac{3}{4}$ "
WBP 316	$\frac{1}{2}$ " " 1" "	1.670	18 $\frac{3}{4}$ "



## WHEEL BRACES, BOX SPANNERS and TYRE LEVERS

### SOLID BOX SPANNERS



British Sizes				American Sizes			
Stock No.	Nut Sizes		Overall Length	Stock No.	Nut Sizes		Overall Length
	B.S.F. and Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192			A/F	S.A.E.	
<b>TBW 310</b>	1 1/16"	5/8"	13 3/4"	<b>TBA 340</b>	1 1/4"	7/8"	13 3/4"
<b>TBW 312</b>	7/8"	3/4"	13 3/4"	<b>TBA 344</b>	1 3/8"	—	13 3/4"
<b>TBW 314</b>	1"	7/8"	13 3/4"	<b>TBA 348</b>	1 1/2"	—	13 3/4"
<b>TBW 316</b>	1 1/8"	1"	13 3/4"	<b>TBA 352</b>	1 5/8"	1 1/8"	13 3/4"



TYRE LEVERS			
Stock No.	Type		Overall Length
<b>TYL 216</b>	Rim Lever	... ..	16"
<b>TYL 316</b>	Flange Lever	... ..	16"

### STAR BRACES

Each Brace is electrically upset from Chrome Vanadium material providing a one piece tool, and welded into a central forging, the whole assembly being heat treated to a tensile of 80-100 tons.

One arm of the 6-way Heavy Service Brace is supplied with a 3/4" Square Drive Plug, so enabling any Socket to be used, providing you with any additional size which has been omitted.



### LIGHT SERIES—FOUR WAY

Stock No.	Bolt and Nut Sizes			
<b>STW 805</b>	B.S.F.	3/8"	7/16"	1/2"
	WHIT.	5/16"	3/8"	7/16"
		.600	.710	.820
<b>STA 820</b>	A/F	5/8"	3/4"	13/16"
		.625	.750	.812

### HEAVY SERIES—FOUR WAY

Stock No.	Bolt and Nut Sizes			
<b>STW 908</b>	B.S.F.	9/16"	5/8"	11/16"
	WHIT.	5/8"	9/16"	5/8"
		.920	1.010	1.100
<b>STA 928</b>	A/F	7/8"	1 1/16"	1 1/4"
		.875	1.062	1.250

### MULTI-WAY WHEEL BRACES.

#### LIGHT SERIES. Covers 10 Sizes including Unified Hex.

Stock No. **STU 866** 3/8", 7/16", 1/2", 9/16" B.S.F., also 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" A/F. 5/8", 3/4", 7/8", 15/16" Whit.

#### HEAVY SERIES.

Stock No. **STU 969** 9/16", 5/8", 11/16", 3/4", 7/8" B.S.F. and 3/4" Sq. Plug. 1/2", 9/16", 5/8", 11/16", 3/4" Whit.

Stock No. **STU 968** 7/8", 1 1/16", 1 1/4", 1 1/2" A/F. 13/16" Sq., and 3/4" Sq. Plug. Overall Length 24"

# TUBULAR SPANNERS

# KING DICK



## TUBULAR BOX SPANNERS

### B.S.F. & WHITWORTH

Stock No.	Nut Sizes		Width Across Flats		Material	Overall Length
	B.S.F. and Small Hex. B.S.1083	B.S.W. Large Hex. B.S.192				
TNW 202	$\frac{1}{8}'' \times \frac{1}{4}''$	$1'' \times \frac{3}{16}''$	.337	.445	$\frac{9}{16}''$ dia. $\times$ 16G	4"
TNW 203	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	.445	.525	" $\times$ 16G	4"
TNW 204	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	.525	.600	" $\times$ 16G	4"
TNW 205	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	.600	.710	" $\times$ 14G	4"
TNW 206	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	.710	.820	1" $\times$ 14G	4"
TNW 207	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	.820	.920	" $\times$ 14G	4"
TNW 2078	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	.820	1.010	1 $\frac{1}{8}''$ $\times$ 12G	6"
TNW 208	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	.920	1.010	1 $\frac{1}{8}''$ $\times$ 12G	6"
TNW 209	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	1.010	1.100	1 $\frac{1}{8}''$ $\times$ 12G	6"

### AMERICAN A/F & UNIFIED HEX.

Stock No.	Nut Sizes A/F	S.A.E.	Unified Hex.	Width Across Flats		Material	Overall Length
TNA 212	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{8}'' \times \frac{1}{4}''$	.375	.437	$\frac{5}{8}''$ Dia. $\times$ 16G	4"
TNA 216	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{8}'' \times \frac{1}{4}''$	.500	.562	" $\times$ 16G	4"
TNA 2204	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{8}'' \times \frac{1}{4}''$	.625	.750	" $\times$ 14G	4"
TNA 228	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{8}'' \times \frac{1}{4}''$	.875	.937	1 $\frac{1}{8}''$ $\times$ 14G	4"

### TOMMY BARS

Stock No.	Size	Stock No.	Size
TBP 203	$\frac{3}{16}''$ Dia. $\times$ 4" long Chrome Vanadium	TBP 210	$\frac{3}{8}''$ Dia. $\times$ 10" long Chrome Vanadium
TBP 204	" $\times$ 5" " " " "	TBP 211	" $\times$ 11" " " " "
TBP 205A	" $\times$ 5" " " " "	TBP 212	" $\times$ 11" " " " "
TBP 206	" $\times$ 6" " " " "	TBP 214	" $\times$ 12" " " " "
TBP 208	" $\times$ 8" " " " "		

Stock No.	Sizes of Spanners included in Sets.					
TKT 232	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	Whit. and 1 Tommy Bar.		
TKT 233	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	Whit. and 1 Tommy Bar.		
TKT 282	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	" $\times$ $\frac{7}{16}''$	$\frac{1}{2}'' \times \frac{9}{16}''$	$\frac{9}{16}'' \times \frac{5}{8}''$ Whit. and 2 Tommy Bars.
TKT 336	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	A/F and 1 Tommy Bar.		
TKT 346	$\frac{1}{8}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	$\frac{1}{4}'' \times \frac{1}{4}''$	" $\times$ $\frac{7}{16}''$ A/F and 1 Tommy Bar.		

## SPINNERS and SCREWDRIVERS



### SCREWDRIVERS— PERFECT PATTERN

Stock No.	Overall length
SDP 806	6"
SDP 808	8"
SDP 810	10"

### PLASTIC HANDLE SCREWDRIVERS

Stock No.	Size of Blade	Overall Length	Stock No.	Size of Blade	Overall Length
SDR 607	$\frac{7}{32}$ "	7"	SDR 613	$\frac{13}{32}$ "	13"
SDR 608	$\frac{9}{32}$ "	8"	SDR 616	$\frac{15}{32}$ "	16"
SDR 610	$\frac{11}{32}$ "	10"			

### PLASTIC HANDLE SCREWDRIVERS— to suit Phillips Headed Screws

Stock No.	Bit Size	Overall Length	Fits the following :		
			Wood Screws	B.A. Screws	B.S.F. or Whit. Screws
PSD 103	1	3"	3 & 4 S.W.G.	5 & 6	$\frac{1}{8}$ "
PSD 107	1	$7\frac{1}{2}$ "	" "	"	"
PSD 109	1	$9\frac{1}{2}$ "	" "	"	"
PSD 203	2	$3\frac{1}{2}$ "	5-10	1 to 4	$\frac{5}{32}$ ", $\frac{3}{16}$ ", $\frac{7}{32}$ "
PSD 208	2	$8\frac{1}{2}$ "	" "	"	"
PSD 210	2	$10\frac{1}{2}$ "	" "	"	"
PSD 311	3	11"	11-16	0"	$\frac{1}{4}$ " & $\frac{5}{16}$ "
PSD 414	4	14"	17 up	"	$\frac{3}{8}$ "

### SHOCKPROOF SPINNERS

B.A.

AMERICAN A/F

Stock No.	Size Bolt	Overall length	Stock No.	A/F Size	Overall length
SPB 200	0	8"	SPA 206	$\frac{3}{16}$ "	7"
SPB 201	1	8"	SPA 207	$\frac{7}{32}$ "	7"
SPB 202	2	$7\frac{1}{2}$ "	SPA 208	$\frac{1}{4}$ "	$7\frac{1}{2}$ "
SPB 203	3	$7\frac{1}{2}$ "	SPA 209	$\frac{9}{32}$ "	$7\frac{1}{2}$ "
SPB 204	4	$7\frac{1}{2}$ "	SPA 210	$\frac{5}{16}$ "	$7\frac{1}{2}$ "
SPB 205	5	7"	SPA 211	$\frac{11}{32}$ "	8"
SPB 206	6	7"	SPA 212	$\frac{3}{8}$ "	8"
			SPA 214	$\frac{7}{16}$ "	8"
			SPA 216	$\frac{1}{2}$ "	8"

B.S.F. and WHITWORTH

SQUARE A/F

Stock No.	Nut Sizes		Overall length	Stock No.	Bolt Size	Overall length
	B.S.F. and B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192				
SPW 202	$\frac{3}{16}$ "	$\frac{1}{8}$ "	8"	SPS 203	$\frac{3}{16}$ "	7"
SPW 203	$\frac{1}{4}$ "	$\frac{3}{16}$ "	8"	SPS 204	$\frac{1}{4}$ "	7"
SPW 204	$\frac{5}{16}$ "	$\frac{1}{4}$ "	8"	SPS 205	$\frac{5}{16}$ "	8"
				SPS 206	$\frac{3}{8}$ "	8"



# TAPPET SPANNERS, ENGINEERS' HAMMERS and PLIERS

# KING DICK



## TAPPET SPANNERS

Rectifying Tappet troubles, especially at Wayside Garages, is invariably a "rush" job. To ensure rapid workmanship, we supply Abingdon KING DICK Tappet Spanners in pairs.

Automobile Manufacturers, Garage Proprietors and Private Car Owners will find Abingdon KING DICK Tappet Spanners an immense boon whenever repairs have to be effected.

Stock No.	B.S.F. and B.S.W. Small Hex. B.S. 1083		B.S.W. Large Hex. B.S. 192		Width Across Flats	Overall Length	Stock No.	Across Flats Sizes 15° end   Straight end		Width Across Flats	Overall Length
	15° end	Straight end	15° end	Straight end							
OTW 203	$\frac{1}{4} \times \frac{5}{16}$		$\frac{3}{16} \times \frac{1}{4}$		.445 x .525	8"	OTA 214	$\frac{7}{16} \times \frac{1}{2}$		.437 x .500	8"
OTW 204	$\frac{5}{16} \times \frac{1}{4}$		$\frac{1}{4} \times \frac{3}{8}$		.525 x .445	8"	OTA 216	$\frac{1}{2} \times \frac{7}{16}$		.500 x .437	8"
OTW 205	$\frac{3}{8} \times \frac{7}{16}$		$\frac{5}{16} \times \frac{3}{8}$		.600 x .710	8 $\frac{1}{2}$ "	OTA 218	$\frac{9}{16} \times \frac{3}{8}$		.562 x .625	8 $\frac{1}{2}$ "
OTW 206	$\frac{7}{16} \times \frac{3}{8}$		$\frac{3}{8} \times \frac{5}{16}$		.710 x .600	8 $\frac{1}{2}$ "	OTA 219	$\frac{5}{8} \times \frac{9}{16}$		.625 x .562	8 $\frac{1}{2}$ "
OTW 2067	$\frac{7}{16} \times \frac{1}{2}$		$\frac{3}{8} \times \frac{7}{16}$		.710 x .820	9"	OTA 220	$\frac{5}{8} \times \frac{11}{16}$		.625 x .687	8 $\frac{1}{2}$ "
OTW 2076	$\frac{1}{2} \times \frac{7}{16}$		$\frac{7}{16} \times \frac{3}{8}$		.820 x .710	9"	OTA 222	$\frac{11}{16} \times \frac{5}{8}$		.687 x .625	8 $\frac{1}{2}$ "
OTW 207	$\frac{1}{2} \times \frac{9}{16}$		$\frac{7}{16} \times \frac{7}{16}$		.820 x .920	9 $\frac{1}{2}$ "	OTA 223	$\frac{11}{16} \times \frac{3}{4}$		.687 x .750	9"
OTW 208	$\frac{9}{16} \times \frac{1}{2}$		$\frac{7}{16} \times \frac{1}{2}$		.920 x .820	9 $\frac{1}{2}$ "	OTA 224	$\frac{3}{4} \times \frac{11}{16}$		.750 x .687	9"
							OTA 226	$\frac{13}{16} \times \frac{7}{8}$		.812 x .875	9 $\frac{1}{2}$ "
							OTA 227	$\frac{7}{8} \times \frac{13}{16}$		.875 x .812	9 $\frac{1}{2}$ "

## HAMMERS

Designed to ensure a well-balanced tool, KING DICK Hammers are suitable to take care of all your average problems.



### ENGINEERS' BALL PEIN.

Stock No.	Size.
HBP 608	1 lb.
HBP 612	1 $\frac{1}{2}$ lb.
HBP 616	2 lb.
HBP 624	3 lb.



### PLASTIC FACED.

Stock No.	Diameter Face.
HPF 316	1"
HPF 320	1 $\frac{1}{4}$ "
HPF 324	1 $\frac{1}{2}$ "
HPF 328	1 $\frac{3}{4}$ "

### COPPER FACED.

Stock No.	Diameter Face.
HCF 416	1"
HCF 420	1 $\frac{1}{4}$ "
HCF 424	1 $\frac{1}{2}$ "
HCF 428	1 $\frac{3}{4}$ "

## ENGINEERS' PLIERS

For general purpose work KING DICK Pliers will provide you with the necessary gripping power—also incorporated are specially hardened wire cutters.



Stock No. KDP 206 ... 6"

Stock No. KDP 207 ... 7"

Stock No. KDP 208 ... 8"

## WATER PUMP PLIERS

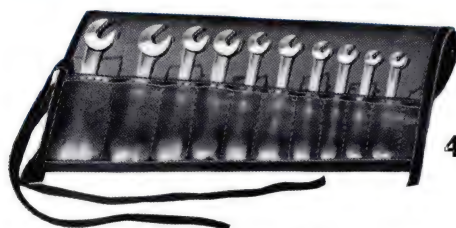


Stock No. KDP 410. Capacity : 0 - 1 $\frac{3}{4}$ " ; Length : 10"

# KING DICK



## B.A. & A/F Ignition Spanners



45°

### IGNITION SPANNERS

When ignition faults develop, the motor Mechanic's biggest bugbear is the Spanner problem. Every Engineer knows that trying to turn tiny nuts with a hefty Spanner is about as difficult as trying to displace an eyelash with a pair of ponderous pincers.

The small nuts on car ignition and carburettor installations can only be satisfactorily and quickly adjusted by proportionately small Spanners, like the Spanners illustrated on this page.

Abingdon KING DICK Chrome Vanadium Ignition Spanners are used extensively by Craftsmen in almost all of the principal transport vehicle factories in this and other countries.

#### BRITISH SIZES

Stock No.	B.A. Sizes 45° Straight end	Width Across Flats	Overall Length
OIB 200	0 B.A. x 1 B.A.	.413 x .365	3 1/8"
OIB 201	1 B.A. x 0 B.A.	.365 x .413	3 1/8"
OIB 202	2 B.A. x 3 B.A.	.324 x .282	3"
OIB 203	3 B.A. x 2 B.A.	.282 x .324	3"
OIB 204	4 B.A. x 5 B.A.	.248 x .220	2 1/2"
OIB 205	5 B.A. x 4 B.A.	.220 x .248	2 1/2"
OIB 206	6 B.A. x 7 B.A.	.193 x .172	2 1/8"
OIB 207	7 B.A. x 6 B.A.	.172 x .193	2 1/8"
OIB 208	8 B.A. x 9 B.A.	.152 x .131	2 1/4"
OIB 209	9 B.A. x 8 B.A.	.131 x .152	2 1/4"

Stock No. TKO 710W. Set of Ten in Wallet.

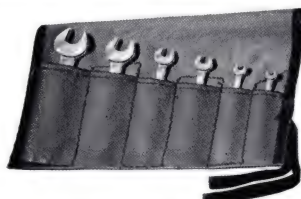
#### AMERICAN A/F SIZES

Stock No.	Across Flats 45° Straight end	Width Across Flats	Overall Length
OIA 214	7/8" x 1 1/8"	.218 x .234	2 1/8"
OIA 215	1 1/8" x 1 1/4"	.234 x .218	2 1/8"
OIA 216	1 1/4" x 1 1/2"	.250 x .281	2 1/2"
OIA 217	1 1/2" x 1 3/4"	.281 x .250	2 1/2"
OIA 218	1 3/4" x 2"	.266 x .297	2 1/2"
OIA 219	2" x 2 1/8"	.297 x .266	2 1/2"
OIA 220	2 1/8" x 2 1/4"	.312 x .343	3"
OIA 222	2 1/4" x 2 1/2"	.343 x .312	3"
OIA 224	2 1/2" x 2 3/4"	.375 x .437	3 1/4"
OIA 228	2 3/4" x 3"	.437 x .375	3 1/4"

Stock No. TKO 712W. Set of Ten in Wallet.



15°



#### BRITISH SIZES

Stock No.	B.A. Sizes	Width Across Flats	Overall Length
OIB 600	0 B.A. x 2 B.A.	.413 x .324	3 1/8"
OIB 601	1 B.A. x 3 B.A.	.365 x .282	3"
OIB 604	4 B.A. x 6 B.A.	.248 x .193	2 1/2"
OIB 605	5 B.A. x 7 B.A.	.220 x .172	2 1/2"
OIB 608	8 B.A. x 10 B.A.	.152 x .117	2"
OIB 609	9 B.A. x 11 B.A.	.131 x .103	1 7/8"

Stock No. TKO 760W. Set of Six in Wallet.

Stock No. TKO 761C. Set of Six in Carton.

#### AMERICAN A/F SIZES

Stock No.	Across Flats Sizes	Width Across Flats	Overall Length
OIA 612	7/8" x 1 1/8"	.187 x .218	2 1/8"
OIA 614	1 1/8" x 1 1/4"	.218 x .234	2 1/8"
OIA 616	1 1/4" x 1 1/2"	.250 x .281	2 1/2"
OIA 617	1 1/2" x 1 3/4"	.265 x .297	3"
OIA 620	1 3/4" x 2"	.312 x .343	3"
OIA 624	2" x 2 1/8"	.375 x .437	3 1/2"

Stock No. TKO 762W. Set of Six in Wallet.

Stock No. TKO 763C. Set of Six in Carton.



These miniature Ring Spanners, primarily for use in the Aircraft and Electrical Industries, are made from Chrome Vanadium material, and heat treated to KING DICK Standards.

#### BRITISH SIZES

Stock No.	B.A. Sizes	Width Across Flats	Overall Length
DDB 200	0 B.A. x 2 B.A.	.413 x .324	4"
DDB 202	2 B.A. x 4 B.A.	.324 x .248	3 1/8"
DDB 204	4 B.A. x 6 B.A.	.248 x .193	3"

Stock No. TKR 731C. Set of Three in Carton.

#### AMERICAN A/F SIZES

Stock No.	Across Flats Sizes	Width Across Flats	Overall Length
DDA 206	7/8" x 1 1/8"	.187 x .218	3"
DDA 207	1 1/8" x 1 1/4"	.203 x .234	3"
DDA 208	1 1/4" x 1 1/2"	.250 x .312	3 1/2"
DDA 209	1 1/2" x 1 3/4"	.281 x .343	3 1/2"

Stock No. TKR 743C. Set of Four in Carton.



# TENSION WRENCH

# KING DICK



To ensure that best results are obtained from modern high efficiency engines, it is absolutely essential that even tension is applied to cylinder head bolts—crankcase—mainbearings and any other part of the unit where a series of bolts or nuts have to be tightened.

Without a tension wrench this is impossible, and we have developed completely foolproof tools which will overcome this problem.

The wrenches are quickly and easily adjustable to any poundage from 20–100 ft. lbs. or 100–400 ft. lbs. Without having to keep a watchful eye on a dial gauge, when set to a predetermined poundage, the load arm breaks or collapses at the required tension, indicating in a positive manner that the necessary load has been applied.

Incorporated in the head is a Square Drive ratchet mechanism, so obviating the necessity for the wrench to be lifted and replaced on the bolt or nut after having reached normal travel. Any standard Square Drive Socket may be used.

A chart is supplied to show the correct setting for all popular makes of cars.

Stock No.	Type of Wrench	Capacity	Overall Length
<b>TRW 800</b>	$\frac{1}{2}$ " Square Drive Ratchet	20–100 ft. lbs.	20"
<b>TRW 900</b>	$\frac{3}{4}$ " Square Drive Ratchet	100–400 ft. lbs.	38"

## TENSION WRENCH SETS, Comprising :—

Steel Box, 20"  $\times$  4 $\frac{3}{4}$ "  $\times$  2", Tension Wrench **TRW 800**, 6" Extension Bar and following Sockets :—

Set No.	Sizes of Sockets included in Sets.											
<b>TKS 800W</b>	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	Whit.	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
<b>TKS 800A</b>	$\frac{7}{16}$ "	$\frac{9}{16}$ "	$\frac{11}{16}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "	$\frac{17}{16}$ "	$\frac{19}{16}$ "	$\frac{21}{16}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "	$\frac{17}{16}$ "	$\frac{19}{16}$ "
<b>TKS 800U</b>	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{11}{16}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "	$\frac{17}{16}$ "	$\frac{19}{16}$ "	$\frac{11}{8}$ " A/F.	$\frac{13}{8}$ "	$\frac{15}{8}$ "	$\frac{17}{8}$ "



### COMMERCIAL VEHICLE SCREW JACKS

King Dick Screw Jacks have been developed to meet the demand for a well-constructed product—simple in application and operation. They will suit the requirements of all Commercial Vehicle Users.



### JACKS FOR LOADS UP TO 5 TONS.

Closed Height, 8 inches. Extended Height,  $17\frac{3}{4}$  inches.

Stock No. VSJ 817R ... (2 Piece Handle)

Stock No. VSJ 817S ... (3 Piece Handle)

### JACKS FOR LOADS UP TO 6 TONS.

Closed Height,  $6\frac{3}{4}$  inches. Extended Height, 17 inches.

Stock No. VSJ 617R ... (2 Piece Handle)

Stock No. VSJ 617S ... (3 Piece Handle)

### JACKS FOR LOADS UP TO 3 TONS.

Closed Height, 10 inches. Extended Height, 17 inches.

Stock No. VSJ 317R ... (2 Piece Handle)

Stock No. VSJ 317S ... (3 Piece Handle)

### CAR JACK FOR LOADS UP TO 1 TON.

Closed Height,  $5\frac{3}{4}$  inches. Extended Height,  $12\frac{1}{2}$  inches.

Stock No. VSJ 512M ... (3 Piece Handle)

# CYCLE, MOTOR CYCLE and MOTOR TOOL KITS

# KING DICK

The Tool Kits illustrated will cover usual requirements for most makes of cycles and motor cycles. Kits to customer's own specification can be supplied if required.



## CYCLE TOOL KIT

- One Canvas Tool Roll.
- One Set Tubular Spanners with Tommy Bar.  
Whit.  $\frac{1}{8}'' \times \frac{3}{16}''$   $\frac{1}{4}'' \times \frac{5}{16}''$   $\frac{3}{8}'' \times \frac{7}{16}''$  or  
A/F  $\frac{3}{8}'' \times \frac{7}{16}''$   $\frac{1}{2}'' \times \frac{9}{16}''$   $\frac{5}{8}'' \times \frac{3}{4}''$
- One Cycle Chain Rivet Extractor C.I.
- One Perfect Pattern 6 in. Screwdriver.
- One 4 in. KING DICK Adjustable Spanner.
- Stock No. TKC 107 Whit. Kit.
- Stock No. TKC 108 A/F Kit.



## MOTOR TOOL KIT

- One Canvas Tool Roll.
- One Cold Chisel.
- One 14 m/m Tubular Spark Plug Spanner and T. Bar.
- One Set of Tubular Spanners with Tommy Bar.  
Whit.  $\frac{1}{8}'' \times \frac{3}{16}''$   $\frac{1}{4}'' \times \frac{5}{16}''$   $\frac{3}{8}'' \times \frac{7}{16}''$  or  
A/F  $\frac{3}{8}'' \times \frac{7}{16}''$   $\frac{1}{2}'' \times \frac{9}{16}''$   $\frac{5}{8}'' \times \frac{3}{4}''$
- One Set Double Open End Spanners.  
Whit.  $\frac{1}{8}'' \times \frac{3}{16}''$   $\frac{1}{4}'' \times \frac{5}{16}''$   $\frac{3}{8}'' \times \frac{7}{16}''$  or  
A/F  $\frac{3}{8}'' \times \frac{7}{16}''$   $\frac{1}{2}'' \times \frac{9}{16}''$   $\frac{5}{8}'' \times \frac{3}{4}''$
- One Pair of 6 in. Pliers.
- One 1 in. diameter plastic-faced Hammer.
- One 6 in. KING DICK Adjustable Spanner.
- One Perfect Pattern 8 in. Screwdriver.
- Stock No. TKM 512 Whit. Kit.
- Stock No. TKM 511 A/F Kit.

## MOTOR CYCLE TOOL KIT

- One Canvas Tool Roll.
- One Motor Cycle Chain Rivet Extractor M.C.3.
- One Set Double Open End Chrome Vanadium Spanners.  
Whit.  $\frac{1}{8}'' \times \frac{3}{16}''$   $\frac{1}{4}'' \times \frac{5}{16}''$   $\frac{3}{8}'' \times \frac{7}{16}''$  or  
A/F  $\frac{3}{8}'' \times \frac{7}{16}''$   $\frac{1}{2}'' \times \frac{9}{16}''$   $\frac{5}{8}'' \times \frac{3}{4}''$
- One pair of 6 in. Pliers.
- One 6 in. KING DICK Adjustable Spanner.
- One 14 m/m Tubular Sparking Plug Spanner and T. Bar.
- One Perfect Pattern 6 in. Screwdriver.
- One Grease Gun.
- One Set Double Offset Chrome Vanadium Spanners.  
Whit.  $\frac{3}{16}'' \times \frac{1}{4}''$   $\frac{5}{16}'' \times \frac{3}{8}''$  or  
A/F  $\frac{7}{16}'' \times \frac{1}{2}''$   $\frac{9}{16}'' \times \frac{5}{8}''$
- One Feeler Gauge.
- Stock No. TKC 209 Whit. Kit.
- Stock No. TKC 210 A/F Kit.



## MOTOR TOOL KIT

- One Canvas Tool Roll.
- One Set of Tubular Spanners with Tommy Bar.  
Whit.  $\frac{1}{8}'' \times \frac{3}{16}''$   $\frac{1}{4}'' \times \frac{5}{16}''$   $\frac{3}{8}'' \times \frac{7}{16}''$   $\frac{1}{2}'' \times \frac{9}{16}''$  or  
A/F  $\frac{3}{8}'' \times \frac{7}{16}''$   $\frac{1}{2}'' \times \frac{9}{16}''$   $\frac{5}{8}'' \times \frac{3}{4}''$   $\frac{7}{8}'' \times \frac{15}{16}''$
- One Pair of 6 in. Pliers.
- One 6 in. KING DICK Adjustable Spanner.
- One Cold Chisel.
- One 1 in. diameter Copper-faced Hammer.
- One Set Double Open End Spanners.  
Whit.  $\frac{1}{8}'' \times \frac{3}{16}''$   $\frac{1}{4}'' \times \frac{5}{16}''$   $\frac{3}{8}'' \times \frac{7}{16}''$  or  
A/F  $\frac{3}{8}'' \times \frac{7}{16}''$   $\frac{1}{2}'' \times \frac{9}{16}''$   $\frac{5}{8}'' \times \frac{3}{4}''$
- One 14 m/m Tubular Spark Plug Spanner and T. Bar.
- One Perfect Pattern 8 in. Screwdriver.
- One Set Double Offset Spanners.  
Whit.  $\frac{3}{16}'' \times \frac{1}{4}''$   $\frac{5}{16}'' \times \frac{3}{8}''$   $\frac{7}{16}'' \times \frac{1}{2}''$  or  
A/F  $\frac{7}{16}'' \times \frac{1}{2}''$   $\frac{9}{16}'' \times \frac{5}{8}''$   $\frac{3}{4}'' \times \frac{3}{4}''$
- Stock No. TKM 616 Whit. Kit.
- Stock No. TKM 615 A/F Kit.

Those illustrated will meet the requirements of all popular makes of cars and light commercial vehicles. We shall be pleased to supply for you a kit to your own specification should our standard lines not be suitable.





Crinkle Blue Enamelled Metal Box, 6" x 11" x 1 1/4"

**Set of Double Open Ended Spanners.**

Whit.  $\frac{1}{8}" \times \frac{3}{16}"$   $\frac{1}{4}" \times \frac{5}{16}"$   $\frac{3}{8}" \times \frac{7}{16}"$  or  
A/F  $\frac{3}{8}" \times \frac{7}{16}"$   $\frac{1}{2}" \times \frac{9}{16}"$   $\frac{5}{8}" \times \frac{3}{4}"$

**Set of Tubular Box Spanners and Tommy Bar.**

Whit.  $\frac{1}{8}" \times \frac{3}{16}"$   $\frac{1}{4}" \times \frac{5}{16}"$   $\frac{3}{8}" \times \frac{7}{16}"$  or  
A/F  $\frac{3}{8}" \times \frac{7}{16}"$   $\frac{1}{2}" \times \frac{9}{16}"$   $\frac{5}{8}" \times \frac{3}{4}"$

6" King Dick Adjustable Spanner.  
14 m/m Tubular Spark Plug Spanner.  
Engineer's Hammer.  
Screwdriver.  
Pliers.  
Cold Chisel.

**TKM 513** Whit. Kit.

**TKM 514** A/F Kit.



Crinkle Blue Enamelled Metal Box, 6 1/4" x 13" x 1 1/8"

**Set of Double Open Ended Spanners.**

Whit.  $\frac{1}{8}" \times \frac{3}{16}"$   $\frac{1}{4}" \times \frac{5}{16}"$   $\frac{3}{8}" \times \frac{7}{16}"$  or  
A/F  $\frac{3}{8}" \times \frac{7}{16}"$   $\frac{1}{2}" \times \frac{9}{16}"$   $\frac{5}{8}" \times \frac{3}{4}"$

**Set of Tubular Box Spanners and Tommy Bar.**

Whit.  $\frac{1}{8}" \times \frac{3}{16}"$   $\frac{1}{4}" \times \frac{5}{16}"$   $\frac{3}{8}" \times \frac{7}{16}"$   $\frac{1}{2}" \times \frac{9}{16}"$  or  
A/F  $\frac{3}{8}" \times \frac{7}{16}"$   $\frac{1}{2}" \times \frac{9}{16}"$   $\frac{5}{8}" \times \frac{3}{4}"$   $\frac{3}{4}" \times \frac{15}{16}"$

**Set of Double Offset Ring Spanners.**

Whit.  $\frac{1}{8}" \times \frac{3}{16}"$   $\frac{1}{4}" \times \frac{5}{16}"$   $\frac{3}{8}" \times \frac{7}{16}"$  or  
A/F  $\frac{3}{8}" \times \frac{7}{16}"$   $\frac{1}{2}" \times \frac{9}{16}"$   $\frac{5}{8}" \times \frac{3}{4}"$

6" King Dick Adjustable Spanner.  
14 m/m Tubular Spark Plug Spanner.  
Engineer's Hammer, Pliers.  
Screwdriver, Cold Chisel.

**TKM 617** Whit. Kit.

**TKM 618** A/F Kit.

**TOOL KITS TKM 512 - 513 - 616 - 617 are suitable for the following Cars :—**

All types of : **Allard - Alvis - Armstrong Siddeley - Aston Martin - Austin** (except New 7 h.p.) - **Bentley Bristol - B.S.A. - Daimler - Humber - Hillman - Jaguar - Jowett - Lagonda - Lanchester - Lea Francis - M.G. - Morgan - Morris - Riley - Rolls Royce - Rover - Singer - Wolseley.**

Pre-1940 Cars only of : **Standard - Triumph.**

**TOOL KITS TKM 511 - 514 - 615 and 618 are suitable for the following Cars :—**

All American Cars - **Austin** (New 7 h.p.) - **Bedford** (all types) - **Ford** (all types) - **Standard and Triumph** (All Post-War Cars) - **Vauxhall** (all types).



# HAND TOOLS FOR UNIFIED HEXAGON BOLTS & NUTS

# KING DICK

## SOCKET SETS

### ACCESSORIES $\frac{1}{2}$ " SQUARE DRIVE

Stock No.	Description	Stock No.	Description
<b>SBC 976</b>	Steel Box $19" \times 9" \times 2\frac{5}{8}"$	<b>SNS 208</b>	Jointed Nut Spinner
<b>SBC 977</b>	Steel Box $16\frac{1}{2}" \times 10\frac{1}{4}" \times 2\frac{3}{8}"$	<b>SBS 208</b>	Speeder Brace
<b>RPS 208</b>	Reversible Ratchet	<b>USS 208</b>	Universal Joint
<b>SSD 210</b>	12" Sliding Tee Bar	<b>SAC 208</b>	Converter $\frac{1}{2}" \rightarrow \frac{3}{4}"$
<b>SES 208S</b>	3" Extension Bar	<b>HSD 216</b>	Drag Link Adjuster
<b>SES 208M</b>	6" Extension Bar	<b>SRS 812</b>	Stud Extractor $\frac{1}{4}" \rightarrow \frac{3}{4}"$
<b>SES 208L</b>	12" Extension Bar	<b>TBP 205L</b>	Tommy Bar $\frac{5}{16}"$ Dia., 12" long

### ACCESSORIES $\frac{3}{4}$ " SQUARE DRIVE

Stock No.	Description	Stock No.	Description
<b>SBC 976</b>	Steel Box $19" \times 9" \times 2\frac{5}{8}"$	<b>SES 212S</b>	4" Extension Bar
<b>SBC 926</b>	Steel Box $32" \times 11" \times 5"$	<b>SES 212M</b>	8" Extension Bar
<b>RPS 212</b>	Reversible Ratchet	<b>SES 212L</b>	16" Extension Bar
<b>SSD 212</b>	Sliding Tee Bar	<b>USS 212</b>	Universal Joint
<b>SNS 212</b>	Jointed Nut Spinner	<b>SAC 212</b>	Converter $\frac{3}{4}" \rightarrow \frac{1}{2}"$

### ACCESSORIES 1" SQUARE DRIVE

Stock No.	Description	Stock No.	Description
<b>SSD 216</b>	Sliding Tee Bar	<b>SES 216S</b>	8" Extension Bar
<b>SAC 216</b>	Converter $\frac{3}{4}" \rightarrow 1"$	<b>SES 216L</b>	16" Extension Bar

### SOCKETS $\frac{1}{2}$ " SQUARE DRIVE

Stock No.	Size A/F	Normal Series	Heavy Series	Stock No.	Size A/F	Normal Series	Heavy Series
<b>HSA 214</b>	$\frac{7}{16}"$	$\frac{1}{4}"$		<b>HSA 226</b>	$\frac{13}{16}"$	$\frac{9}{16}"$	
<b>HSA 216</b>	$\frac{1}{2}"$	$\frac{5}{16}"$		<b>HSA 228</b>	$\frac{7}{8}"$	$\frac{9}{16}"$	$\frac{1}{2}"$
<b>HSA 218</b>	$\frac{9}{16}"$	$\frac{3}{8}"$		<b>HSA 230</b>	$\frac{15}{16}"$	$\frac{5}{8}"$	
<b>HSA 220</b>	$\frac{5}{8}"$	$\frac{7}{16}"$		<b>HSA 234</b>	$1\frac{1}{16}"$		$\frac{3}{8}"$
<b>HSA 222</b>	$\frac{11}{16}"$	$\frac{7}{16}"$		<b>HSA 236</b>	$1\frac{1}{8}"$	$\frac{3}{4}"$	
<b>HSA 224</b>	$\frac{3}{4}"$	$\frac{1}{2}"$					

### SOCKETS $\frac{3}{4}$ " SQUARE DRIVE

Stock No.	Size A/F	Normal Series	Heavy Series	Stock No.	Size A/F	Normal Series	Heavy Series
<b>LSA 228</b>	$\frac{7}{8}"$	$\frac{9}{16}"$	$\frac{1}{2}"$	<b>LSA 242</b>	$1\frac{5}{16}"$	$\frac{7}{8}"$	
<b>LSA 230</b>	$\frac{15}{16}"$	$\frac{5}{8}"$		<b>LSA 246</b>	$1\frac{7}{16}"$		$\frac{7}{8}"$
<b>LSA 234</b>	$1\frac{1}{16}"$		$\frac{5}{8}"$	<b>LSA 248</b>	$1\frac{1}{2}"$	1"	
<b>LSA 236</b>	$1\frac{1}{8}"$	$\frac{3}{4}"$		<b>LSA 252</b>	$1\frac{3}{8}"$		1"
<b>LSA 240</b>	$1\frac{1}{4}"$		$\frac{3}{4}"$	<b>LSA 258</b>	$1\frac{13}{16}"$		$1\frac{1}{8}"$
				<b>LSA 264</b>	2"		$1\frac{1}{4}"$

### SOCKETS 1" SQUARE DRIVE

Stock No.	Size A/F	Heavy Series	Stock No.	Size A/F	Heavy Series
<b>GSA 246</b>	$1\frac{7}{16}"$	$\frac{7}{8}"$	<b>GSA 270</b>	$2\frac{3}{16}"$	$1\frac{3}{8}"$
<b>GSA 252</b>	$1\frac{1}{2}"$	1"	<b>GSA 276</b>	$2\frac{3}{8}"$	$1\frac{1}{2}"$
<b>GSA 258</b>	$1\frac{13}{16}"$	$1\frac{1}{8}"$	<b>GSA 288</b>	$2\frac{3}{4}"$	$1\frac{3}{4}"$
<b>GSA 264</b>	2"	$1\frac{1}{4}"$	<b>GSA 299</b>	$3\frac{1}{8}"$	2"

### FOR UNIFIED HEXAGON BOLTS AND NUTS



TKS 977



TKS 976

#### ACCESSORIES, $\frac{1}{2}$ " Square Drive

Steel Box, Alloy Heat Treated Ratchet, Speeder Brace, Short Extension Bar, 3" long, Medium Extension Bar, 6" long, Long Extension Bar, 12" long, Jointed Nut Spinner, Sliding Tee Bar, Plug and Socket Universal Joint, 14 m/m Sparking Plug Socket, 18 m/m Sparking Plug Socket, Converter  $\frac{1}{2}$ " s.  $\times$   $\frac{3}{4}$ " p.

Bi-Hex. A/F Sockets.  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $\frac{11}{16}$ ",  $\frac{3}{4}$ ",  $\frac{13}{16}$ ",  $\frac{7}{8}$ ",  $\frac{15}{16}$ ",  $1\frac{1}{8}$ ",  $1\frac{1}{16}$ ",  $1\frac{1}{2}$ ".

TKS 977 Normal Series  $\frac{1}{2}$ " and  $\frac{3}{4}$ " Square Drive

#### ACCESSORIES, $\frac{1}{2}$ " Square Drive

Steel Box, Alloy Heat Treated Ratchet, Speeder Brace, Short Extension Bar, 3" long, Medium Extension Bar, 6" long, Long Extension Bar, 12" long, Jointed Nut Spinner, Sliding Tee Bar, Plug and Socket Universal Joint, 14 m/m Sparking Plug Socket, 18 m/m Sparking Plug Socket. Converter  $\frac{1}{2}$ " s.  $\times$   $\frac{3}{4}$ " p.

Bi-Hex. A/F Sockets.  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $\frac{11}{16}$ ",  $\frac{3}{4}$ ",  $\frac{13}{16}$ ",  $\frac{7}{8}$ ",  $\frac{15}{16}$ ",  $1\frac{1}{16}$ ",  $1\frac{1}{8}$ ",  $1\frac{1}{4}$ ",  $1\frac{1}{16}$ ",  $1\frac{1}{8}$ ",  $1\frac{1}{2}$ ",  $1\frac{3}{8}$ ",  $1\frac{13}{16}$ ",  $2$ ".

TKS 976 Normal and Heavy Series to  $1\frac{1}{4}$ " Nut.  $\frac{1}{2}$ " and  $\frac{3}{4}$ " Square Drive

# SOCKET SETS

# KING DICK

## FOR UNIFIED HEXAGON BOLTS AND NUTS



TKS 980



TKS 979

### ACCESSORIES, $\frac{1}{2}$ " and $\frac{3}{4}$ " Square Drive

Steel Box, Alloy Heat Treated Ratchet,  $\frac{3}{4}$ " Dr. Speeder Brace, Short Extension Bar, 3" long, Medium Extension Bar, 6" long, Long Extension Bar, 12" long, Jointed Nut Spinner, Sliding Tee Bar, Plug and Socket Universal Joint, 14 m/m Sparking Plug Socket, 18 m/m Sparking Plug Socket, Converter  $\frac{1}{2}$ " s.  $\times$   $\frac{3}{4}$ " p. Bi-Hex. A/F Sockets,  $\frac{7}{8}$ ",  $1\frac{1}{16}$ ",  $1\frac{1}{4}$ ",  $1\frac{7}{16}$ ",  $1\frac{1}{2}$ ",  $1\frac{13}{16}$ ", 2".

**TKS 980 Heavy Series to  $1\frac{1}{4}$ " Nut.  $\frac{3}{4}$ " Square Drive**

### ACCESSORIES, $\frac{3}{4}$ " Square Drive

Steel Box,  $32\frac{1}{2}$ "  $\times$   $11\frac{1}{8}$ "  $\times$   $4\frac{7}{8}$ ", Alloy Heat Treated Ratchet, Short Extension Bar, 4" long, Medium Extension Bar, 8" long, Long Extension Bar, 16" long, Jointed Nut Spinner, Sliding Tee Bar, Plug and Socket Universal Joint.

#### 1" Square Drive

Sliding Tee Bar, Short Extension Bar, 8" long, Long Extension Bar, 16" long, Converter  $\frac{3}{4}$ " s.  $\times$  1" p. Bi-Hex A/F Sockets,  $\frac{3}{4}$ " Square Drive,  $\frac{7}{8}$ ",  $1\frac{1}{16}$ ",  $1\frac{1}{4}$ ",  $1\frac{7}{16}$ ",  $1\frac{1}{2}$ ",  $1\frac{13}{16}$ ", 2". Hex. A/F Sockets, 1" Square Drive,  $2\frac{3}{16}$ ",  $2\frac{3}{8}$ ",  $2\frac{3}{4}$ ",  $3\frac{1}{8}$ ".

**TKS 979 Heavy Series Full Range  $\frac{3}{4}$ " and 1" Square Drive**



# KING DICK

## DOUBLE OPEN ENDED SPANNERS

### FOR UNIFIED HEXAGON BOLTS AND NUTS



CHROME VANADIUM STEEL

#### NORMAL SERIES

Stock No.	Size A/F	Width A/F	U.N.F. Size	Size Nos.	Overall length
ODA 214	$\frac{7}{16}'' \times \frac{1}{2}''$	.437 x .500	$\frac{1}{4}'' \times \frac{5}{16}''$	44 x 50	4 $\frac{5}{8}''$
ODA 216	$\frac{1}{2}'' \times \frac{9}{16}''$	.500 x .562	$\frac{5}{16}'' \times \frac{3}{8}''$	50 x 56	5 $\frac{3}{8}''$
ODA 218	$\frac{9}{16}'' \times \frac{5}{8}''$	.562 x .625	$\frac{3}{8}'' \times \frac{7}{16}''$ B	56 x 62	5 $\frac{7}{8}''$
ODA 2182	$\frac{9}{16}'' \times \frac{11}{16}''$	.562 x .687	$\frac{3}{8}'' \times \frac{7}{16}''$ N	56 x 69	6 $\frac{1}{8}''$
ODA 2206	$\frac{5}{8}'' \times \frac{13}{16}''$	.625 x .812	$\frac{7}{16}''$ B x $\frac{9}{16}''$ B	62 x 81	7 $\frac{5}{8}''$
ODA 2224	$\frac{11}{16}'' \times \frac{3}{4}''$	.687 x .750	$\frac{7}{16}''$ N x $\frac{1}{2}''$ B	69 x 75	7 $\frac{7}{8}''$
ODA 224	$\frac{3}{4}'' \times \frac{7}{8}''$	.750 x .875	$\frac{1}{2}'' \times \frac{9}{16}''$ N	75 x 88	8 $\frac{1}{8}''$
ODA 226	$\frac{13}{16}'' \times \frac{7}{8}''$	.812 x .875	$\frac{9}{16}''$ B x $\frac{9}{16}''$ N	81 x 88	8 $\frac{1}{2}''$
ODA 2306	$\frac{15}{16}'' \times \frac{1}{8}''$	.937 x 1.125	$\frac{5}{8}'' \times \frac{3}{4}''$	94 x 112	10 $\frac{1}{2}''$
ODA 2362	$1\frac{1}{8}'' \times 1\frac{5}{16}''$	1.125 x 1.312	$\frac{3}{4}'' \times \frac{7}{8}''$	112 x 131	12 $\frac{1}{4}''$
ODA 242	$1\frac{5}{16}'' \times 1\frac{1}{2}''$	1.312 x 1.500	$\frac{7}{8}'' \times 1''$	131 x 150	14 $\frac{3}{8}''$

#### HEAVY SERIES

Stock No.	Size A/F	Width A/F	U.N.C. Size	Size Nos.	Overall length
ODA 2284	$\frac{7}{8}'' \times 1\frac{1}{16}''$	.875 x 1.062	$\frac{1}{2}'' \times \frac{5}{8}''$	88 x 106	10 $\frac{1}{2}''$
ODA 2340	$1\frac{1}{16}'' \times 1\frac{1}{4}''$	1.062 x 1.250	$\frac{5}{8}'' \times \frac{3}{4}''$	106 x 125	12 $\frac{1}{4}''$
ODA 240	$1\frac{1}{4}'' \times 1\frac{7}{16}''$	1.250 x 1.437	$\frac{3}{4}'' \times \frac{7}{8}''$	125 x 144	14 $\frac{3}{8}''$
ODA 2462	$1\frac{7}{16}'' \times 1\frac{3}{8}''$	1.437 x 1.625	$\frac{7}{8}'' \times 1''$	144 x 162	16 $\frac{1}{2}''$
ODA 252	$1\frac{5}{8}'' \times 1\frac{13}{16}''$	1.625 x 1.812	$1'' \times 1\frac{1}{8}''$	162 x 181	20 $\frac{1}{2}''$
ODA 258	$1\frac{13}{16}'' \times 2''$	1.812 x 2.0	$1\frac{1}{8}'' \times 1\frac{1}{4}''$	181 x 200	20 $\frac{3}{4}''$
ODA 2706	$2\frac{1}{16}'' \times 2\frac{3}{8}''$	2.187 x 2.375	$1\frac{3}{8}'' \times 1\frac{1}{2}''$	219 x 238	24 $\frac{1}{2}''$
ODA 2889	$2\frac{3}{4}'' \times 3\frac{1}{8}''$	2.750 x 3.125	$1\frac{3}{4}'' \times 2''$	275 x 312	29 $\frac{1}{2}''$

#### CARBON STEEL

#### NORMAL SERIES

Stock No.	Size A/F	Width A/F	U.N.F. Size	Size Nos.	Overall length
OCA 214	$\frac{7}{16}'' \times \frac{1}{2}''$	.437 x .500	$\frac{1}{4}'' \times \frac{5}{16}''$	44 x 50	4 $\frac{1}{2}''$
OCA 216	$\frac{1}{2}'' \times \frac{9}{16}''$	.500 x .562	$\frac{5}{16}'' \times \frac{3}{8}''$	50 x 56	5 $\frac{1}{4}''$
OCA 218	$\frac{9}{16}'' \times \frac{5}{8}''$	.562 x .625	$\frac{3}{8}'' \times \frac{7}{16}''$ B	56 x 62	5 $\frac{1}{8}''$
OCA 2182	$\frac{9}{16}'' \times \frac{11}{16}''$	.562 x .687	$\frac{3}{8}'' \times \frac{7}{16}''$ N	56 x 69	6 $\frac{1}{8}''$
OCA 2206	$\frac{5}{8}'' \times \frac{13}{16}''$	.625 x .812	$\frac{7}{16}''$ B x $\frac{9}{16}''$ B	62 x 81	7 $\frac{1}{2}''$
OCA 2224	$\frac{11}{16}'' \times \frac{3}{4}''$	.687 x .750	$\frac{7}{16}''$ N x $\frac{1}{2}''$ B	69 x 75	7 $\frac{3}{8}''$
OCA 224	$\frac{3}{4}'' \times \frac{7}{8}''$	.750 x .875	$\frac{1}{2}'' \times \frac{9}{16}''$ N	75 x 88	8 $\frac{1}{8}''$
OCA 2306	$\frac{15}{16}'' \times \frac{1}{8}''$	.937 x 1.125	$\frac{5}{8}'' \times \frac{3}{4}''$	94 x 112	9 $\frac{3}{4}''$
OCA 242	$1\frac{5}{16}'' \times 1\frac{1}{2}''$	1.312 x 1.500	$\frac{7}{8}'' \times 1''$	131 x 150	12 $\frac{3}{4}''$

B=Bolt

N=Nut

# DOUBLE OFFSET RING SPANNERS

# KING DICK

## FOR UNIFIED HEXAGON BOLTS AND NUTS



### NORMAL SERIES

### CHROME VANADIUM STEEL

Stock No.	Size A/F	Width A/F	U.N.F. Size	Size Nos.	Overall Length
DDA 214	$\frac{7}{16}'' \times \frac{1}{2}''$	.437 × .500	$\frac{1}{4}'' \times \frac{5}{16}''$	44 × 50	6 $\frac{1}{4}''$
DDA 216	$\frac{1}{2}'' \times \frac{9}{16}''$	.500 × .562	$\frac{5}{16}'' \times \frac{3}{8}''$	50 × 56	7 $\frac{1}{4}''$
DDA 218	$\frac{9}{16}'' \times \frac{5}{8}''$	.562 × .625	$\frac{3}{8}'' \times \frac{7}{16}''$ B	56 × 62	7 $\frac{1}{2}''$
DDA 2182	$\frac{9}{16}'' \times \frac{11}{16}''$	.562 × .687	$\frac{3}{8}'' \times \frac{7}{16}''$ N	56 × 69	8 $\frac{1}{2}''$
DDA 2206	$\frac{5}{8}'' \times \frac{13}{16}''$	.625 × .812	$\frac{7}{16}''$ B × $\frac{9}{16}''$ B	62 × 81	10''
DDA 2224	$\frac{11}{16}'' \times \frac{3}{4}''$	.687 × .750	$\frac{7}{16}''$ N × $\frac{1}{2}''$ B	69 × 75	10''
DDA 224	$\frac{3}{4}'' \times \frac{7}{8}''$	.750 × .875	$\frac{1}{2}'' \times \frac{9}{16}''$ N	75 × 88	10 $\frac{1}{4}''$
DDA 226	$\frac{13}{16}'' \times \frac{7}{8}''$	.812 × .875	$\frac{9}{16}''$ B × $\frac{5}{8}''$ N	81 × 88	10 $\frac{1}{2}''$
DDA 2306	$\frac{15}{16}'' \times 1\frac{1}{8}''$	.937 × 1.125	$\frac{5}{8}'' \times \frac{3}{4}''$	94 × 112	13 $\frac{5}{8}''$
DDA 242	$1\frac{5}{16}'' \times 1\frac{1}{2}''$	1.312 × 1.500	$\frac{7}{8}'' \times 1''$	131 × 150	16 $\frac{1}{2}''$

### HEAVY SERIES

Stock No.	Size A/F	Width A/F	U.N.C. Size	Size Nos.	Overall Length
DDA 2284	$\frac{7}{8}'' \times 1\frac{1}{16}''$	.875 × 1.062	$1\frac{1}{8}'' \times \frac{5}{8}''$	88 × 106	12 $\frac{1}{2}''$
DDA 236	$1\frac{1}{16}'' \times 1\frac{1}{4}''$	1.062 × 1.250	$\frac{3}{4}'' \times \frac{1}{2}''$	106 × 125	14 $\frac{1}{2}''$
DDA 240	$1\frac{1}{4}'' \times 1\frac{7}{16}''$	1.250 × 1.437	$\frac{13}{16}'' \times \frac{3}{4}''$	125 × 144	15 $\frac{1}{2}''$
DDA 2462	$1\frac{7}{8}'' \times 1\frac{5}{8}''$	1.437 × 1.625	$\frac{13}{16}'' \times 1''$	144 × 162	18 $\frac{3}{8}''$
DDA 252	$1\frac{5}{8}'' \times 1\frac{13}{16}''$	1.625 × 1.812	$1'' \times 1\frac{1}{8}''$	162 × 181	20 $\frac{3}{8}''$
DDA 264	$2'' \times 2\frac{3}{16}''$	2.0 × 2.187	$1\frac{1}{4}'' \times 1\frac{3}{8}''$	200 × 219	23 $\frac{1}{4}''$
DDA 270	$2\frac{3}{16}'' \times 2\frac{3}{8}''$	2.187 × 2.375	$1\frac{3}{8}'' \times 1\frac{3}{4}''$	219 × 238	26''

B= Bolt N= Nut

ABINGDON KING DICK LIMITED · ABINGDON

# KING DICK

## CHROME VANADIUM SINGLE OPEN ENDED SPANNERS

**FOR UNIFIED HEXAGON BOLTS AND NUTS**



### CHROME VANADIUM STEEL

#### NORMAL SERIES

Stock No.	Size A/F	Width A/F	U.N.F. Size	Size Nos.	Overall Length
OSA 214	$\frac{7}{16}$ "	.437	$\frac{1}{4}$ "	44	4"
OSA 216	$\frac{1}{2}$ "	.500	$\frac{5}{16}$ "	50	5"
OSA 218	$\frac{9}{16}$ "	.562	$\frac{3}{8}$ "	56	5"
OSA 220	$\frac{5}{8}$ "	.625	$\frac{7}{16}$ "B	62	5 $\frac{3}{4}$ "
OSA 222	$\frac{11}{16}$ "	.687	$\frac{7}{16}$ "N	69	6 $\frac{3}{4}$ "
OSA 224	$\frac{3}{4}$ "	.750	$\frac{1}{2}$ "	75	6 $\frac{3}{4}$ "
OSA 226	$\frac{13}{16}$ "	.812	$\frac{9}{16}$ "B	81	7 $\frac{3}{4}$ "
OSA 228	$\frac{7}{8}$ "	.875	$\frac{9}{16}$ "N	88	8 $\frac{3}{4}$ "
OSA 230	$\frac{15}{16}$ "	.937	$\frac{5}{8}$ "	94	8 $\frac{3}{4}$ "
OSA 236	1 $\frac{1}{8}$ "	1.125	$\frac{3}{4}$ "	112	10 $\frac{1}{2}$ "
OSA 242	1 $\frac{5}{16}$ "	1.312	$\frac{7}{8}$ "	131	12 $\frac{1}{4}$ "
OSA 248	1 $\frac{1}{2}$ "	1.500	1"	150	14"

#### HEAVY SERIES

Stock No.	Size A/F	Width A/F	U.N.C. Size	Size Nos.	Overall Length
OSA 228	$\frac{7}{8}$ "	.875	$\frac{1}{2}$ "	88	8 $\frac{3}{4}$ "
OSA 234	1 $\frac{1}{16}$ "	1.062	$\frac{5}{8}$ "	106	10 $\frac{1}{2}$ "
OSA 240	1 $\frac{1}{4}$ "	1.250	$\frac{3}{4}$ "	125	12 $\frac{1}{4}$ "
OSA 246	1 $\frac{7}{16}$ "	1.437	$\frac{7}{8}$ "	144	14"
OSA 252	1 $\frac{5}{8}$ "	1.625	1"	162	16"
OSA 258	1 $\frac{13}{16}$ "	1.812	1 $\frac{1}{8}$ "	181	17 $\frac{1}{2}$ "
OSA 264	2"	2.0	1 $\frac{1}{4}$ "	200	19"
OSA 270	2 $\frac{3}{16}$ "	2.187	1 $\frac{3}{8}$ "	219	20 $\frac{3}{4}$ "
OSA 276	2 $\frac{3}{8}$ "	2.375	1 $\frac{1}{2}$ "	238	22"

B=Bolt N=Nut



# REFRIGERATION HAND TOOLS

# KING DICK



The KING DICK range of REFRIGERATION Hand Tools embraces specially designed Tools for every conceivable kind of adjustment and all major overhauls. THE ENTIRE OUTFIT will enable you to give EFFICIENT and ALL ROUND SPEEDY SERVICE with the minimum of effort.

## REFRIGERATION SERVICE SETS

### KIT No. REK 518 Comprises following :—

- Steel Box,  $7\frac{1}{4}'' \times 4'' \times 1''$ . Multi-purpose Ratchet. Square Valve Stem Sockets,  $\frac{3}{16}''$ ,  $\frac{7}{32}''$ ,  $\frac{1}{4}''$ ,  $\frac{5}{16}''$ ,  $\frac{3}{8}''$ .
- Packing Gland Nut Sockets,  $\frac{3}{32}'' \times \frac{5}{16}''$ ,  $\frac{3}{32}'' \times \frac{1}{8}''$ ,  $\frac{3}{32}'' \times \frac{3}{16}''$ ,  $\frac{1}{8}'' \times \frac{1}{8}''$ ,  $\frac{3}{32}'' \times \frac{5}{16}''$  Prongs.
- Oval Gland Nut Socket,  $\frac{1}{2}'' \times \frac{13}{32}''$  size of oval.
- Twin plug Adaptors,  $\frac{1}{4}''$  Sq. Drive  $\times \frac{9}{32}''$  plug and  $\frac{1}{4}''$  Sq. Drive  $\times \frac{3}{8}''$  plug.
- Bi-Hex Sockets,  $\frac{3}{8}''$  Sq. Drive,  $\frac{7}{16}''$ ,  $\frac{1}{2}''$  and  $\frac{9}{16}''$  A/F.

### KIT No. REK 622 Comprises following :—

- Steel Box,  $7\frac{1}{4}'' \times 4'' \times 1''$ . Multi-purpose Ratchet.
- Square Valve Stem Sockets,  $\frac{3}{16}''$ ,  $\frac{7}{32}''$ ,  $\frac{1}{4}''$ ,  $\frac{5}{16}''$ ,  $\frac{3}{8}''$ .
- Packing Gland Nut Sockets,  $\frac{3}{32}'' \times \frac{5}{16}''$ ,  $\frac{3}{32}'' \times \frac{1}{8}''$ ,  $\frac{3}{32}'' \times \frac{3}{16}''$ ,  $\frac{1}{8}'' \times \frac{1}{8}''$ ,  $\frac{3}{32}'' \times \frac{5}{16}''$  prongs.
- Oval Gland Nut Socket,  $\frac{1}{2}'' \times \frac{13}{32}''$  size of oval
- Plug and Socket Extension Bars, 2" and 5" long. Flexible Extension.
- Twin Plug Adaptor,  $\frac{1}{4}''$  Sq. Drive  $\times \frac{3}{8}''$  plug. 2 $\frac{1}{2}''$  long.
- Twin plug Adaptors,  $\frac{1}{4}''$  Sq. Drive  $\times \frac{9}{32}''$  plug and  $\frac{1}{4}''$  Sq. Drive  $\times \frac{3}{8}''$  plug.
- Bi-Hex. Sockets,  $\frac{3}{8}''$  Sq. Drive,  $\frac{7}{16}''$ ,  $\frac{1}{2}''$  and  $\frac{9}{16}''$  A/F.

**STEEL BOX.** Stock No. REC 774, Size  $7\frac{1}{4}" \times 4" \times 1"$

### MULTI-PURPOSE CHROME VANADIUM REVERSIBLE RATCHET

Stock No.	Square Drive	Additional Sizes	Overall Length
<b>RER 404</b>	$\frac{1}{4}"$	$\frac{1}{2}"$ Bi-Hex. A/F $\frac{3}{16}"$ and $\frac{1}{4}"$ Sq.	5"

### TWIN PLUG ADAPTORS AND EXTENSIONS

Enables any  $\frac{9}{32}"$  or  $\frac{3}{8}"$  Square Drive Sockets and other fitments to be used with the set.

Stock No.	Drive End	Plug End	Overall Length
<b>REA 206</b>	$\frac{1}{4}"$	$\frac{3}{16}"$	$\frac{3}{4}"$
<b>REA 209</b>	$\frac{1}{4}"$	$\frac{9}{32}"$	$\frac{3}{4}"$
<b>REA 212</b>	$\frac{1}{4}"$	$\frac{3}{8}"$	$\frac{13}{16}"$
<b>REE 209</b>	$\frac{1}{4}"$	$\frac{9}{32}"$	2 $\frac{3}{8}"$
<b>REE 212</b>	$\frac{1}{4}"$	$\frac{3}{8}"$	2 $\frac{1}{2}"$

### SQUARE VALVE STEM SOCKETS

Stock No.	Square Drive	Socket Size	Dia. Drive End	Overall Length
<b>RES 406</b>	$\frac{1}{4}"$	$\frac{3}{16}"$	$\frac{1}{2}"$	1 $\frac{1}{4}"$
<b>RES 407</b>	$\frac{1}{4}"$	$\frac{7}{32}"$	$\frac{1}{2}"$	1 $\frac{1}{4}"$
<b>RES 408</b>	$\frac{1}{4}"$	$\frac{1}{4}"$	$\frac{9}{16}"$	1 $\frac{1}{4}"$
<b>RES 410</b>	$\frac{1}{4}"$	$\frac{5}{16}"$	$\frac{5}{8}"$	1 $\frac{1}{4}"$
<b>RES 412</b>	$\frac{1}{4}"$	$\frac{3}{8}"$	$\frac{11}{16}"$	1 $\frac{1}{4}"$

### OVAL GLAND NUT SOCKET

Stock No.	Square Drive	Size of Oval Length	Oval Width	O/Dia.	Overall Length
<b>RES 716</b>	$\frac{1}{4}"$	$\frac{1}{2}"$	$\frac{13}{32}"$	$\frac{5}{8}"$	1 $\frac{7}{8}"$

### PACKING GLAND NUT SOCKETS

Stock No.	Square Drive	Size of Prongs Depth	Width	Diameter inside	outside	Overall Length
<b>RES 614</b>	$\frac{1}{4}"$	$\frac{3}{32}"$	$\frac{5}{16}"$	$\frac{1}{16}"$	$\frac{7}{16}"$	2"
<b>RES 615</b>	$\frac{1}{4}"$	$\frac{3}{32}"$	$\frac{1}{8}"$	$\frac{1}{16}"$	$\frac{15}{32}"$	2"
<b>RES 618</b>	$\frac{1}{4}"$	$\frac{3}{32}"$	$\frac{7}{16}"$	$\frac{3}{8}"$	$\frac{9}{16}"$	2"
<b>RES 622</b>	$\frac{1}{4}"$	$\frac{1}{8}"$	$\frac{2}{8}"$	$\frac{2}{16}"$	$\frac{11}{16}"$	2"
<b>RES 626</b>	$\frac{1}{4}"$	$\frac{3}{32}"$	$\frac{5}{16}"$	$\frac{9}{16}"$	$\frac{13}{16}"$	2"

### BI-HEX SOCKETS

Stock No.	Square Drive	Nut Size	Width A/F	Overall Length
<b>MSA 214</b>	$\frac{3}{32}"$	$\frac{7}{16}"$ A/F	.437	1"
<b>MSA 216</b>	$\frac{3}{32}"$	$\frac{1}{2}"$ "	.500	1"
<b>MSA 218</b>	$\frac{3}{32}"$	$\frac{9}{16}"$ "	.562	1 $\frac{1}{16}"$

### PLUG AND SOCKET EXTENSION BARS

An addition to the equipment which augments the uses of the ratchet and sockets.

Stock No.	Square Drive	Socket End	Overall Length
<b>SES 203</b>	$\frac{1}{4}"$	$\frac{1}{4}"$	2"
<b>SES 204</b>	$\frac{1}{4}"$	$\frac{1}{4}"$	5"

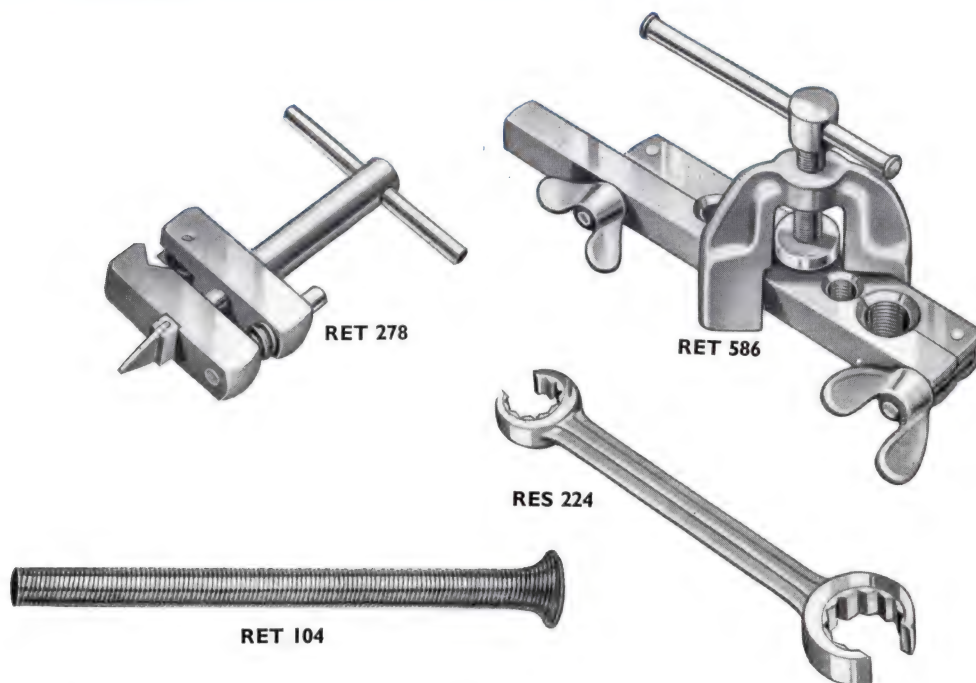
### FLEXIBLE EXTENSION

Made to get at inaccessible nuts which the solid extension bar cannot reach.

Stock No.	Square Drive	Socket End	Overall Length
<b>SFC 204</b>	$\frac{1}{4}"$	$\frac{1}{4}"$	5"

# REFRIGERATION HAND TOOLS

# KING DICK



## TUBE FLARING TOOL

Stock No. **RET 586**

The essential parts are produced in KING DICK Chrome Vanadium Steel to suit  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " dia. Tubing.

## TUBE CUTTING TOOL

Stock No. **RET 278**

Has a capacity covering  $\frac{3}{16}$ " to 1" dia. Tubing, and includes a reamer point to remove burrs.

## FLARE NUT SPANNERS

Opening enables wrench to pass over tubing to engage flare nuts, etc.

Stock No.	Nut Sizes A/F	Width A/F	Overall Length
<b>RES 224</b>	$\frac{3}{4}$ " $\times$ 1"	.750" $\times$ 1"	8 $\frac{1}{4}$ "
<b>RES 228</b>	$\frac{7}{8}$ " $\times$ 1 $\frac{1}{8}$ "	.875" $\times$ 1.125"	9 $\frac{1}{2}$ "

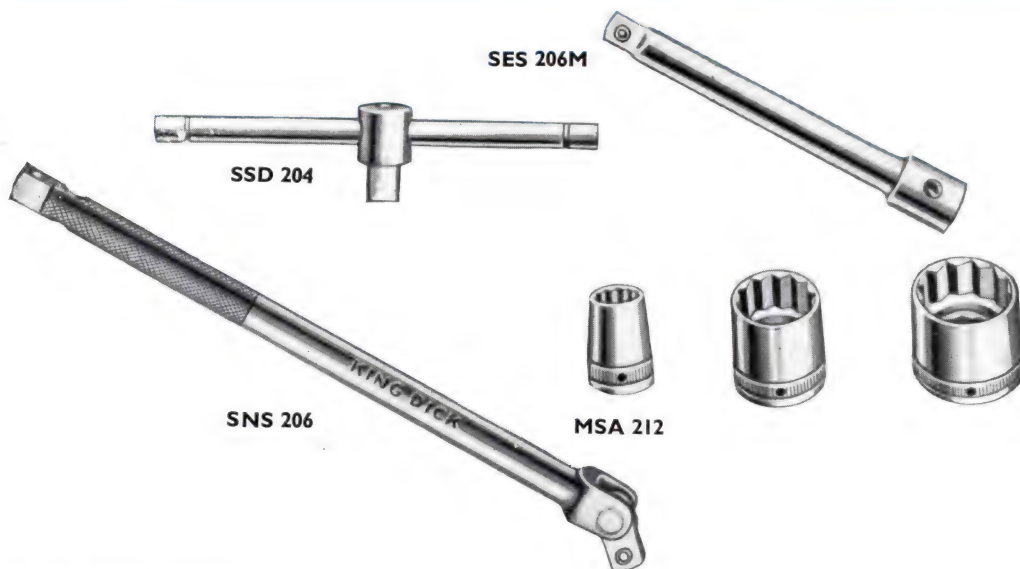
## SPRING TUBE BENDERS

Specially treated spring wire coil with flared mouth end to facilitate removal from tube.

Stock No.	To Suit Tube O/Dia.	Stock No.	To Suit Tube O/Dia.
<b>RET 104</b>	$\frac{1}{4}$ "	<b>RET 107</b>	$\frac{7}{16}$ "
<b>RET 105</b>	$\frac{5}{16}$ "	<b>RET 108</b>	$\frac{1}{2}$ "
<b>RET 106</b>	$\frac{3}{8}$ "	<b>RET 110</b>	$\frac{5}{8}$ "

**RET 140** Set of Six Coils as above.





### PLUG AND SOCKET EXTENSION BARS

Stock No.	Square Drive	Socket End	Overall Length
SES 206S	$\frac{1}{8}$ "	$\frac{11}{16}$ "	$2\frac{1}{8}$ "
SES 206M	$\frac{1}{8}$ "	$\frac{11}{16}$ "	5"
SES 206L	$\frac{1}{8}$ "	$\frac{11}{16}$ "	8"

### SLIDING TEE BARS

Stock No.	Square Drive	Dia. Bar	Overall Length
SSD 204	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$4\frac{1}{2}$ "
SSD 206	$\frac{5}{8}$ "	$\frac{5}{16}$ "	$5\frac{1}{4}$ "

### CHROME VANADIUM BI-HEX SOCKETS

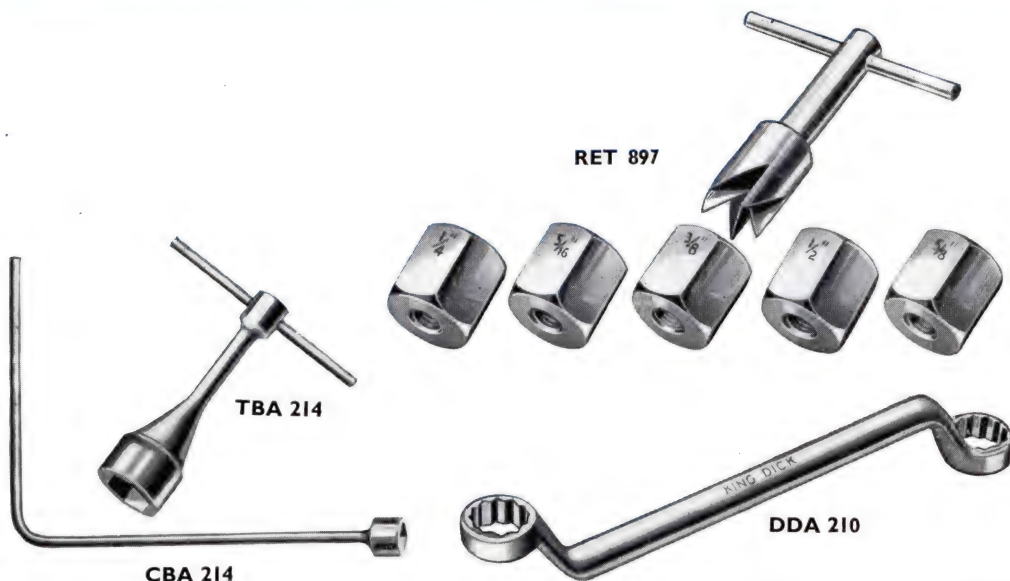
Stock No.	Square Drive	Bolt Size A/F	Width A/F	Overall Length
MSA 212	$\frac{3}{8}$ "	$\frac{3}{8}$ " A/F	.375"	1"
MSA 214	$\frac{7}{16}$ "	"	.437"	1"
MSA 216	$\frac{1}{2}$ "	"	.500"	1"
MSA 218	$\frac{9}{16}$ "	"	.562"	$1\frac{1}{16}$ "
MSA 220	$\frac{5}{8}$ "	"	.625"	$1\frac{1}{8}$ "
MSA 224	$\frac{3}{4}$ "	"	.750"	$1\frac{3}{16}$ "
MSA 228	$\frac{7}{8}$ "	"	.875"	$1\frac{1}{4}$ "

### JOINTED NUT SPINNER

Stock No.	Square Drive	Dia. Handle	Overall Length
SNS 204	$\frac{1}{4}$ "	$\frac{3}{8}$ "	5"
SNS 206	$\frac{3}{8}$ "	$\frac{7}{16}$ "	8"
SNS 207	$\frac{5}{8}$ "	$\frac{7}{16}$ "	$9\frac{1}{4}$ "

# REFRIGERATION HAND TOOLS

# KING DICK



## REFACING TOOL

Complete with 5 Adaptors.

Stock No. RET 897

Stock No.	Description
RET 891	Refacing Tool
RET 892	1" Adaptor
RET 893	1 1/8" "
RET 894	1 1/4" "
RET 895	1 1/2" "
RET 896	1 3/4" "

## "T" & CRANKED HANDLE SOLID BOX SPANNERS

"T" HANDLE				
Stock No.	Bolt Size A/F	Width A/F	Dia. Head	Overall Length
TBA 214	7/16" A/F	.437"	1 1/16"	8"
TBA 216	1/2" "	.500"	1 1/8"	8"
TBA 218	9/16" "	.562"	1 1/4"	8"
TBA 220	5/8" "	.625"	1 1/2"	8"
TBA 224	3/4" "	.750"	1 3/4"	10"
TBA 228	7/8" "	.875"	1 7/8"	10"
TBA 232	1" "	1.0"	2"	10"
TBA 236	1 1/8" "	1.125"	2 1/8"	10"

CRANKED HANDLE				
Stock No.	Bolt Size A/F	Width A/F	Dia. Head	Overall Length
CBA 214	7/16" A/F	.437"	1 1/16"	8"
CBA 216	1/2" "	.500"	1 1/8"	8"
CBA 218	9/16" "	.562"	1 1/4"	8"
CBA 220	5/8" "	.625"	1 1/2"	8"
CBA 224	3/4" "	.750"	1 3/4"	10"
CBA 228	7/8" "	.875"	1 7/8"	10"
CBA 232	1" "	1.0"	2"	10"
CBA 236	1 1/8" "	1.125"	2 1/8"	10"

## DOUBLE OFFSET RING SPANNERS

Stock No.	Bolt Size Across Flats	Width A/F	Overall Length
DDA 210	5/16" x 3/8"	.312" x .375"	5 1/4"
DDA 212	3/8" x 7/16"	.375" x .437"	5 3/8"
DDA 214	7/16" x 1/2"	.437" x .500"	6"

Stock No.	Bolt Size Across Flats	Width A/F	Overall Length
DDA 216	1/2" x 9/16"	.500" x .562"	7"
DDA 218	9/16" x 5/8"	.562" x .625"	7 1/8"
DDA 224	3/4" x 7/8"	.750" x .875"	8 1/2"

## KEY TO NUT and BOLT SIZES

In the British Standards for Bolts and Nuts for general engineering (B.S. 916×B.S.1083) the dimensions for bolts and nuts with Whitworth threads are the same as the B.S.F. and are more commonly known as Utility Whitworth Standards. They replace the former Whitworth dimensions.

The following chart will enable you to find the appropriate B.S.F. size or Utility Whitworth size to fit the current Whitworth nut or bolt. Thus a  $\frac{3}{8}$ " B.S.F. Spanner (.600" gap) fits a  $\frac{3}{8}$ " B.S.F. nut, a  $\frac{3}{8}$ " Utility Whitworth Standard nut with B.S.W. thread, or a  $\frac{5}{16}$ " Standard Whitworth nut.

### EQUIVALENT STANDARD BOLT DIAMETERS

Nut Sizes Across Flats		B.A.	B.S.F. & B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	A/F Sizes	Nut Sizes Across Flats		B.S.F. & B.S.W. Small Hex. B.S. 1083	B.S.W. Large Hex. B.S. 192	A/F Sizes
Inches	m/m					Inches	m/m			
.193		6				.820		$\frac{1}{2}$ "	$\frac{7}{16}$ "	
.197	5					.826	21			
.220		5				.866	22			
.236	6					.875				$\frac{7}{8}$ "
.248		4				.905	23			
.250					$\frac{1}{4}$ "	.920		$\frac{9}{16}$ "	$\frac{1}{2}$ "	
.276	7					.937				$\frac{15}{16}$ "
.282		3				.944	24			
.312					$\frac{5}{16}$ "	.968				$\frac{31}{32}$ "
.316	8					.984	25			
.324		2				1.0				1"
.340			$\frac{3}{16}$ "	$\frac{1}{8}$ "		1.010		$\frac{5}{8}$ "	$\frac{9}{16}$ "	
.354	9					1.023	26			
.365		1				1.062	27			$1\frac{1}{16}$ "
.375					$\frac{3}{8}$ "	1.100		$\frac{11}{16}$ "	$\frac{5}{8}$ "	
.394	10					1.102	28			$1\frac{1}{8}$ "
.412		0				1.125				
.413			$\frac{7}{32}$ "			1.141	29			$1\frac{1}{4}$ "
.433	11					1.181	30			
.437					$\frac{7}{16}$ "	1.187				$1\frac{3}{16}$ "
.445			$\frac{1}{4}$ "	$\frac{3}{16}$ "		1.200		$\frac{3}{4}$ "	$\frac{11}{16}$ "	
.472	12					1.220	31			
.500					$\frac{1}{2}$ "	1.250				$1\frac{1}{4}$ "
.512	13					1.259	32			
.525			$\frac{5}{16}$ "	$\frac{1}{4}$ "		1.299	33	$\frac{7}{8}$ "	$\frac{3}{4}$ "	
.551	14					1.312				$1\frac{5}{16}$ "
.562					$\frac{9}{16}$ "	1.375				$1\frac{3}{8}$ "
.590	15					1.377	35			
.593					$\frac{19}{32}$ "	1.390		$\frac{15}{16}$ "	$\frac{13}{16}$ "	
.600			$\frac{3}{8}$ "	$\frac{5}{16}$ "		1.417	36			
.625					$\frac{5}{8}$ "	1.437				$1\frac{7}{16}$ "
.629	16					1.480		1"	$\frac{7}{8}$ "	
.656					$\frac{21}{32}$ "	1.496	38			
.669	17					1.500				$1\frac{1}{2}$ "
.687					$\frac{11}{16}$ "	1.535	39			
.708	18					1.562				$1\frac{9}{16}$ "
.710			$\frac{7}{16}$ "	$\frac{3}{8}$ "		1.574	40			
.748	19					1.580		$1\frac{1}{16}$ "	$\frac{15}{16}$ "	
.750					$\frac{3}{4}$ "	1.614	41			
.781					$\frac{23}{32}$ "	1.625				$1\frac{5}{8}$ "
.787	20					1.653	42			
.812					$\frac{13}{16}$ "	1.670		$1\frac{1}{8}$ "	1"	



## CONDITIONS

### GUARANTEE

Every "KING DICK" Tool and Accessory is fully guaranteed against defects in material and workmanship. Any faulty part should be returned to the Factory, carriage paid, for examination. Replacements will be subject to the judgment and discretion of the Factory and will not be made if inspection shows that the tool has been abused by hammering, or used on over or undersized nuts, or ground or design changed, or in the opinion of the Company otherwise misused.

No other guarantee is given or implied.

### TERMS

Carriage is paid on all orders from the United Kingdom to a nett value of **£10** and over. Cases are chargeable if not returned within **28** days.

Orders are accepted under **£10**, ex-works, provided the following minimum quantities are called for.

Items listed in catalogue at :

<b>2/6d.</b> or under	...	...	...	...	minimum quantity	<b>24</b>
<b>5/-</b> or under	...	...	...	...	minimum quantity	<b>12</b>
<b>10/-</b> or under	...	...	...	...	minimum quantity	<b>6</b>
<b>£1</b> or under	...	...	...	...	minimum quantity	<b>3</b>

Orders for sets of spares, sockets, accessories or spanners will be classed as one item.

Goods will be supplied at the prices ruling at the time of despatch.

We reserve the right to alter prices without notice.

Any date quoted for delivery must be regarded as approximate, and used as a guide only. The manufacturers undertake no responsibility for delay or non-delivery due to any cause whatsoever.

### RETURN OF GOODS

No goods are to be returned without written permission from the factory covering the specific items and quantities.

Before issuing credit for the goods returned, all carriage charges both ways, if any, shall be deducted from the amount of the credit. Ten per cent. of nett invoice value will also be deducted for handling charges.

If it is necessary to re-finish the goods to put them in a first-class saleable condition, the cost of such reconditioning will be chargeable.





# KING DICK

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